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EG&G ROCKY FLATS

EG&G ROCKY FLATS INC
ROCKY FLATS PLANT P O BOX 464 GOLDEN COLORADO 80402 0464 (303) 966 7000

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REVIEW WAIVER PER
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N/A
ACTUAL ITEM STATUS
C - CLOSED
PARTIAL
RAP OVALS
IC PIST INITIALS
ARK
-6455 (93)

May 4 1994

94 RF 04999

Jessie M Roberson
Acting Assistant Manager for
Environmental Restoration
DOE/RFFO

Attn Frazer R Lockhart

DOWNSTREAM SCHEDULE IMPACTS DUE TO CHANGE IN RISK ASSESSMENT METHODOLOGY - SGS 283 94

As requested attached are the schedules for the RCRA [Resource Conservation & Recovery Act] Facility Investigation/Remedial Investigation (RFI/RI) through Corrective Action Decision/Record of Decision (CAD/ROD) for Operable Units (OUs) 2 3 5 and 6 These OUs were affected by the stop work order for Human Health Risk Assessment (HHRA)

OUs 1 4 and 7 were also impacted by the stop work order but these schedules are not attached OU 1 has been granted a schedule extension and a meeting will be held in early May 1994 with the Department of Energy/Rocky Flats Field Office (DOE/RFFO) and the regulatory agencies to discuss schedule issues Additional information on the OU 1 schedule will be provided after this meeting OU 4 schedules were previously approved by DOE/RFFO and the regulatory agencies The OU 7 schedule has been streamlined and the Interagency Agreement (IAG) milestones for the Corrective Measures Study/Feasibility Study (CMS/FS) and later deliverables have been deleted

Milestones associated with the new schedules for OUs 2 3 5 and 6 are attached and include both Table 6 and non Table 6 milestones Table 6 milestones are listed with both the proposed date and the IAG milestone date The dates assumptions and recommendations submitted in the letter of April 25 1994 concerning the RFI/RI schedules and the May 3 1994 extension request for OUs 2 3 5 and 6 still apply

The milestone dates for the CMS/FS Reports through the CAD/ROD were developed by incorporating the new RFI/RI schedules which use the new methodology for risk assessments into the current schedules The CMS/FS schedules for each OU were derived from the CMS/FS template previously developed The CMS/FS schedule durations and logic ties have been briefed to DOE/RFFO and presented to the Environmental Protection Agency and the Colorado Department of Health beginning on December 23 1993 The tasks and durations for the CMS/FS are described in the attachment

Issues

It is EG&G Rocky Flats Inc s recommendation that no commitment dates be established for IAG deliverables downstream of the ROD There is insufficient information available for any OU at this time to commit to a date for these deliverables It is expected that a commitment for downstream milestones for each OU will be made after the Proposed Plan is accepted

The stop work order has delayed completion of the HHRA which is a critical requirement for the Phase 2 CMS/FS work Phase 2 of the CMS/FS requires calculating the volume of

Jessie M Roberson
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Page 2

contaminated media in order to determine remediation costs Therefore contaminated areas and the associated risks must be identified prior to the start of Phase 2 CMS/FS work and this requires an approved risk assessment

If an approved risk assessment is not in place prior to Phase 2 of the CMS/FS comments from the regulatory agencies concerning the risk assessment could have a major impact on the CMS/FS These impacts could include

a stop work on the CMS/FS until the comments are resolved
volume calculations of contaminated media be redone
calculations on alternatives be redone
CMS/FS report conclusions could be invalidated and require changes

This is due to the real possibility of redoing the CMS/FS calculations alternative analysis and report if there are changes to the HHRA during the regulatory agency review that result in changes to the areas of contamination risk levels contaminants of concern list etc To minimize these risks the assumption is required that no Phase 2 CMS/FS work begin until the Final RFI/RI Report is submitted to the regulatory agencies

However delaying the start of Phase 2 CMS/FS work until the submittal of the Final RFI/RI Report will cause significant schedule delays between completion of Phase 1 and Phase 2 CMS/FS work These delays which are reflected in the attached schedules range from about 6 months to a year depending on the stage of the HHRA for each OU These delays would be minimized by starting Phase 2 CMS/FS work when the Draft RFI/RI Report is submitted However this would result in unacceptable schedule and cost risks EG&G Rocky Flats proposes that within two weeks of submittal of the Draft RFI/RI Report a HHRA presentation be given to the regulatory agencies and DOE/RFFO request that the regulatory agencies approve the HHRA portion When written regulatory agency approval of the HHRA is received the Phase 2 work could start



S G Stuger
Associate General Manager
Environmental Restoration Management
EG&G Rocky Flats Inc

ALP alk

Orig and 1 cc - J M Roberson

Attachments
As Stated (3)

cc					
E A	Dille	Aguirre Engineering	J	Pepe	DOE/RFFO
M	Guillaume		R J	Schassburger	
T	Reeves		M N	Silverman	
R H	Birk	DOE/RFFO	L W	Smith	
S R	Grace		B K	Thatcher	
M H	McBride				

IAG TABLE 6 MILESTONES VS NEW MILESTONES

OU	RF/RI	Final	FS/CMS		PROPOSED PLAN		RESPONS SUMMARY		CAD/ROD	
			Draft	Final	DRAFT	FINAL	DRAFT	FINAL	DRAFT	FINAL
2	IAG New	12-Mar-93	09-Aug-93	04-Nov-93	10-May-94	09-Aug-94	13-Dec-94	16-Mar-95	16-Mar-95	15-Jun-95
		31-May-95	06-Dec-95	31-Jul-96	20-Dec-96	25-Mar-97	25-Aug-97	02-Dec-97	02-Dec-97	19-Feb-98
3	IAG New	14-Feb-94	21-Oct-94	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		01-May-95	15-Feb-96	03-Oct-96	03-Mar-97	28-May-97	28-Oct-97	11-Feb-98	11-Feb-98	08-May-98
5	IAG New	30-Nov-93	03-May-94	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		24-May-95	01-Dec-95	26-Jul-96	17-Dec-96	20-Mar-97	20-Aug-97	14-Nov-97	14-Nov-97	19-Feb-98
6	IAG New	10-Jun-94	18-Nov-94	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		11-May-95	16-Nov-95	15-Jul-96	04-Dec-96	07-Mar-97	07-Aug-97	03-Nov-97	03-Nov-97	06-Feb-98

Missed milestone NOV issued

CMS/FS REQUIREMENTS

The following tasks are required for completion of the CMS/FS Reports per OU

1 EVALUATION OF DATA SUFFICIENCY

Objective Review available RFI/RI data treatability study information and vendor information and determine where data insufficiencies exist and propose activities which could reduce the uncertainties to levels consistent with DQOs for each decision area

Criteria for Data Sufficiency Review

- 1) Are additional treatability studies required?
- 2) Are pilot scale studies required to refine cost information or to further assess the effectiveness of the technology?
- 3) Can volumes and areal extent of contaminated media be delineated?
- 4) What are specific concentrations and types of contaminants in media?
- 5) Is contamination in media discrete or homogenous?
- 6) Are other constituents of media known (constituents that may interfere with or enhance a remediation technology)?
- 7) Are sufficient soils data and aquifer data available to evaluate technology/process options and groundwater modeling?

Relation to Other Tasks

- 1) RFI/RI reports The Nature and Extent of Contamination section of the RFI/RI report must be complete
- 2) Treatability Studies data on specific technologies will be reviewed to see if there is sufficient information to determine a technology's effectiveness and capital and Operations & Maintenance (O&M) cost
- 3) Strategic Planning Will OU specific media be combined and treated with material from other OUs thereby reducing overall costs?

Duration

The schedule duration for this task is seven weeks This duration is due to

- | | |
|---------|--|
| 2 weeks | identify collect and deliver specific RFI/RI data to subcontractor |
| 5 weeks | prepare report on Evaluation of Data Sufficiency for CMS/FS |

2 REVIEW OF ARARs

Objective Perform a critical review of potential applicable or relevant and appropriate requirements (ARARs) and perform a preliminary ARARs assessment considering site specific factors (i.e. hydrogeology contamination migration pathways etc.) as well as regulatory issues established by DOE Orders U.S. Environmental Protection Agency (EPA) Colorado Department of Health the Atomic Energy Act and related statutes and guidelines

Criteria for Review of ARARs

- 1) Meet with ARARs Coordinator to discuss ARARs strategy and obtain latest ARARs documents e.g. Sitewide Benchmark Tables
- 2) Determine if there is sufficient information to prepare preliminary action and location specific ARARs
- 3) Schedule sufficient review time with ARARs Coordinator for EG&G and DOE ARARs review

Relation to Other Tasks

- 1) Preliminary Remediation Goals determination of chemical specific ARARs will be required to finalize PRGs
- 2) Evaluation Criteria (CMS/FS Phase 2) Alternatives have to be evaluated against ARARs. If ARARs cannot be met for a preferred remedy then a waiver must be applied for

Duration

The schedule duration for this task is five weeks. This duration is due to

- 4 weeks ARARs review and analysis
- 1 week Development of an ARARs report for review by Legal Counsel

3 IDENTIFICATION OF TECHNOLOGIES

Objective A Comprehensive List of Technologies (CLT)/Process Options has been developed on a Programmatic Basis for use in all OU CMS/FSs. The CLT will be used to present information on an OU specific basis on technologies and process options to facilitate an analysis of the applicability of a technology or process option.

Criteria for Identification of Technologies

- 1) The CLT developed under Task 3 will be the basis for screening of technologies and process options under Task 6
- 2) The programmatic CLT will be updated if required for each OU CMS/FS
- 3) In addition to using the Programmatic CLT, a review of innovative technologies will be conducted for specific applicability for each OU

Duration

The schedule duration for this task is three weeks

4 DEVELOP REMEDIAL ACTION OBJECTIVES (RAOs), GENERAL RESPONSE ACTIONS (GRAs) AND PRELIMINARY REMEDIATION GOALS (PRGs)

Objective RAOs will be developed for each OU and media specific preliminary remediation goals will be developed to meet the RAOs. GRAs will then be developed that describe the initial areas and volumes to be remediated based on the PRGs for each OU.

Criteria for developing RAOs GRAs and PRGs

- 1) If the Baseline Risk Assessment (BRA) has been completed develop PRGs based on the BRA
- 2) If the BRA has not been completed use the draft or final COC Technical Memorandum (TM) and calculate a limited number of PRGs according to EPA Risk Assessment Guidance for Superfund (Part B) and also use the Sitewide Benchmark tables Revise RPGs when the BRA has been finalized

Relation to Other Tasks

- 1) RFI/RI Reports The Chemicals of Concern TM of the RFI/RI report must be complete

5 TM 1 CORRECTIVE/REMEDIAL ACTION OBJECTIVES

Objective A TM will be prepared per Section IX A 4 Attachment 2 of the IAG to propose site specific corrective/remedial action objectives

Criteria for TM 1 TM 1 shall contain the following

- 1) The contaminants and media of interest
- 2) The volumes and areas of such media
- 3) Exposure pathways and receptors
- 4) Risk based PRGs
- 5) The methodology used to develop PRGs

Duration

The schedule duration for this task is 4 1/2 months This duration is due to

- | | |
|----------|---|
| 10 weeks | preparation and quality assurance review of TM 1 |
| 6 weeks | DOE review and incorporation of comments |
| 6 weeks | Agency review comment resolution and final approval |

6 INITIAL SCREENING OF TECHNOLOGIES AND PROCESS OPTIONS

Objective Applicable technologies (including innovative technologies) will be screened based on site applicability as well as PRGs and ARARs for each specific OU

Criteria for the initial screening of technologies and process options

- 1) The CLT will be tailored to each OU based on site applicability (media to be cleaned up) and physical/infrastructure requirements
- 2) The information used for site applicability will be the OU data from the database report
- 3) The OU specific technology will then be matched against the PRG/ARAR requirements of that OU

Duration

The schedule duration for this task is nine weeks

7 ASSEMBLE THE REPRESENTATIVE TECHNOLOGIES AND PROCESS OPTIONS INTO ALTERNATIVES

Objective Representative process options will be assembled into alternatives that represent a range of treatment and containment alternatives as specified in the National Contingency Plan (NCP)

Criteria for assembling the representative technologies and process options into alternatives

- 1) The range of alternatives for each OU shall include the range of alternatives specified in the NCP
- 2) Each alternative will be described based on preliminary sizing of unit operations considering the proposed volume of contaminated media

Relation to Other Tasks

- 1) Information on the Sitewide treatability study program and on innovative technologies should be reviewed at this point
- 2) ARARs and PRGs should be updated at this point

Duration

The schedule duration for this task is five weeks This duration is due to

- | | |
|---------|--|
| 4 weeks | Development of initial list of alternatives |
| 1 week | Agency review and meeting with agencies to review list of alternatives |

8 SCREENING OF ALTERNATIVES

Objective The goal of this screening is to ensure that only alternatives with the most overall benefit based on an evaluation of the three criteria specified in the NCP are retained for detailed analysis

Criteria for the Initial Screening of Alternatives

- 1) Each alternative developed in Task 7 will be screened against three criteria effectiveness
implementability and relative cost
- 2) A rational basis will be presented for retaining or not retaining an alternative for detailed analysis

Duration

The schedule duration for this task is 10 weeks This duration is due to

- | | |
|---------|--|
| 9 weeks | conduct initial screening of alternatives |
| 1 week | Agency review and meeting to discuss initial screening of alternatives |

9 TM 2 PRELIMINARY ALTERNATIVES DEVELOPMENT AND SCREENING

Objective A TM will be prepared per Section IX B of the IAG to summarize development and initial screening of alternatives

Criteria for TM 2 TM 2 shall contain the following

- 1) A summary of the results of Tasks 6 7 and 8
- 2) Summarize the rational used in the screening process
- 3) List the alternatives to be carried forward into the detailed analysis of alternatives
- 4) Propose action-specific ARARs for the alternatives that remain after the initial screening of alternatives

Duration

The schedule duration for this task is four months This duration is due to

- | | |
|---------|---|
| 8 weeks | preparation and QA review of TM 2 |
| 6 weeks | DOE review and incorporation of comments |
| 4 weeks | Agency review resolution of comments and final approval |

10 DETAILED ANALYSIS OF ALTERNATIVES

Objective To evaluate remedial alternatives so that relevant information regarding the remedial alternatives can be presented to a decision maker and an appropriate remedy can be selected

Criteria for the detailed analysis of alternatives

- 1) Provide a detailed description (preliminary engineering design) of each alternative that outlines the waste management strategy involved
- 2) Evaluate each alternative against the nine criterion specified in the NCP
- 3) Provide a detailed analysis of the costs versus risk reduction/benefit of each alternative This analysis will be based on the cost of each alternative to attain ARARs and risk based remediation goals across the lifetime added cancer risk range of $1 \times E-4$ to $1 \times E-6$ The analysis will evaluate the cost versus risk reduction/benefit of alternative remediation requirements based on the range of plausible baseline risks detailed in the BRA
- 4) A comparative analysis will be conducted to evaluate the relative performance of each alternative in relation to each specific evaluation criteria
- 5) A preferred alternative will be identified that considers the requisite nine criteria analysis as well as the cost versus risk/benefit versus the risk/benefit assessment

Duration

The schedule duration for this task is 3 1/2 months This duration is due to

- | | |
|----------|--|
| 12 weeks | conduct detailed analysis of alternatives against nine NCP evaluation criteria |
| 2 weeks | prepare comparative analysis of alternatives |

11 CMS/FS REPORT

Objective A CMS/FS report will be prepared per Section 1 X D 1 of the IAG to describe and substantiate the rationale behind all findings and summarize all findings into a concise format to facilitate communication with technical and non technical audiences

Criteria for the CMS/FS Report

- 1) The text will present an orderly description of the CMS/FS development Detailed technical work such as risk reduction methods groundwater modeling and costing shall be presented in stand alone appendices
- 2) An executive summary section will be prepared that forms the basis for the Proposed Remedial Action Plan

Duration

The schedule duration of this activity is months This duration is due to

- | | |
|----------|---|
| 6 weeks | preparation of report and QA review |
| 11 weeks | DOE review and incorporation of comments |
| 12 weeks | Agency review |
| 10 weeks | comment resolution |
| 5 weeks | preparation and approval of final CMS/FS Report |

Assumptions For Feasibility Study Through ROD Schedules

No schedule contingency has been included in these schedules Any significant changes due to comments will require schedule extensions

For each OU one subcontract will be procured for the Feasibility Study (FS) through the ROD

The Final RFI/RI Report will be submitted prior to the start of Phase 2 CMS/FS activities

The COC Technical Memorandum (TM) must be completed prior to submittal of the first FS TM

ARARs will be agreed on by the Environmental Protection Agency (EPA) the Colorado Department of Health (CDH) and DOE before work is impacted

If Treatability Studies are required they will be completed by the Sitewide Program in time for OU use

A Finding of No Significant Impact will be issued for each OU based on the Environmental Assessment (EA)

All modeling requirements will be met in FY95

The Final CMS/FS Report will be submitted at the same time as the Draft Proposed Plan

No significant changes will be necessary between the Draft and Final CMS/FS Reports

Work on the Draft Proposed Plan will be started when the Draft CMS/FS Report is submitted to the Agencies

Most of the DOE RFFO review cycles will be twenty days long DOE Headquarters (HQ) reviews if required will occur during this time frame

There will only be a five day final DOE review cycle allowed for the draft Proposed Plan in order to deliver this document with the Final CMS/FS Report

There will only be one ten working day DOE review cycle between the Draft and Final Proposed Plan

There will only be one ten working day DOE review cycle between the Draft and Final CAD/ROD The EPA and CDH review times for the Proposed Plan Responsiveness Summary and CAD/ROD will be reduced to 21 days

There will be no major changes between the draft and final Proposed Plans

It is assumed that there will be no major changes between the draft and final responsiveness summary

There will be no major changes between the draft and final CAD/ROD

No commitment to milestones past the ROD will be accepted until the Proposed Plan is completed

OU 1 Specific Assumptions

DOE HQ reviews if required will be concurrent with the DOE/RFFO reviews

The Draft Proposed Plan will not be submitted concurrently with the Final CMS/FS Report. The Draft Proposed Plan will be developed and submitted after the Final CMS/FS Report is submitted to allow incorporation of comments from the Final CMS/FS Report into the Proposed Plan without impacting schedule.

OU 2 Specific Assumptions

Due to the high level of risk associated with this complex of an OU, the Final Phase II RFI/RI Report must be completed prior to the start of Phase 2 CMS/FS activities.

The first FS TM will be started upon submittal of the draft COC TM to the Agencies.

Comments for the COC TM will be received in time to incorporate into the first FS TM.

OU 3 Specific Assumptions

One year's worth of air sampling data will be required prior to submittal of the Final RFI/RI Report.

The Final RFI/RI Report must be completed prior to the start of Phase 2 CMS/FS activities.

OU 5 Specific Assumptions

The Phase I RFI/RI Report will be finalized and a Phase II RFI/RI study and/or report will not be required.

The Phase II work conducted in FY94 will not impact the CMS/FS schedule.

OU 6 Specific Assumptions

The Phase I RFI/RI Report will be finalized and a Phase II RFI/RI study and/or report will not be required.

OU I

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH
1200500210	INCCORP RFP DOE COMMENTS & FINAL PHASE III RFI/RI	41	40CT93A	16JUN94
1200500225	CARRYOVER FOR PHASE III OF RFI/RI	5	29NOV93A	26APR94
1200500230	Complete RFP DOE M d Yea Re e	0	20MAY94	
1200500215	IAG SUBMIT FINAL PHASE III RFI/RI REPORT	0		16JUN94
TREATABILITY/FEASIBILITY STUDY				
12006001	F'S PROGRAM MAN CEMENT	267	26JUL93A	15MAY95
1200601320	EPA/CDH COMMENT RESOLUTION ON PPG TM	3	18APR94A	22APR94
1200601420	INCORPORATE RFP DOE COMMENTS	3	18APR94A	22APR94
1200602268	UPDATE OF ARARs DATA	30	20APR94	1JUN94
1200601325	SUBMIT FINAL PPG TM TO RFO DOE, EPA/CDH	0		22APR94
1200601330	PFO DOE, EPA/CDH APPROVE FINAL PRG TM	5	25APR94	29APR94
1200601440	FINAL RFO DOE REVIEW ON DRAFT SCRN ALTS TM	5	25APR94	29APR94
1200601460	DELIVER SCRN ALTS TM TO EG&G/PFO DOE, EPA/CDH	1	2MAY94	2MAY94
1200601462	EPA/CDH REVIEW OF SCRN ALTS TM	20	3MAY94	31MAY94
1200601464	CONDITIONAL APPROVALS MEETING WITH EPA/CDH	1	1JUN94	1JUN94
1200601466	EPA/CDH COMMENT RESOLUTION	5	2JUN94	8JUN94
1200601468	SUBMIT FINAL SCRN ALTS TM TO RFO DOE, EPA/CDH	0		8JUN94
1200601470	EPA/CDH APPROVE SCRN ALTS TM	5	9JUN94	15JUN94
1200601472	END PHASE 1 FS	0		15JUN94
1200602160	SUMM THS & TREAT STUDY	5	16JUN94	22JUN94
1200602270	ANALYZE ALTERNATIVES AGAINST 9 CRITERIA	60	23JUN94	16SEP94
1200602290	EA/NEPA REVIEW OF ALTERNATIVES	42	23JUN94	22AUG94
1200602272	COMPARATIVE ANALYSIS OF ALTEP AGAINST 9 CRITERIA	10	19SEP94	30SEP94
1200602274	MEETING WITH EPA/CDH	1	30CT94	30CT94
1200602300	PREPARE PRELIMINARY DRAFT CMS/FS EA REPORT	17	40CT94	260CT94
1200602302	PRELIM DRAFT CH /FS DELIVERED TO EG&G (REV 1)	0		7NOV94
1200602305	EG&G REVIEW CMS/FS REPORT	5	8NOV94	14NOV94
1200602310	INCORPORATE EG&G COMMENTS	5	15NOV94	21NOV94
1200602315	PRELIMINARY DRAFT CMS/FS TO PFO DOE (REV 2)	0		21NOV94
1200602320	PFO DOE REVIEW OF PREL DRAFT CMS/FS EA REPORT	10	22NOV94	7DEC94
1200602330	ADDRESS RFO DOE COMMENTS & PREP DRAFT CMS/FS EA	10	8DEC94	21DEC94
1200602170	IAG SUBMIT DRAFT CH /FS REPORT (REV 3)	0		21DEC94
120060180	EPA/CDH, NEPA REVIEW OF DRAFT CMS/FS EA REPORT	30	22DEC94	9FEB95
120060140	PREP PE OP FT FINAL CMS/FS EA REPORT	19	10FEB95	8MAR95

ACTIVITY ID

ACTIVITY DESCRIPTION

REM DUR

EARLY START

EARLY FINISH

1200500210

INCCORP RFP DOE COMMENTS & FINAL PHASE III RFI/RI

41

40CT93A

16JUN94

ACTIVITY ID

ACTIVITY DESCRIPTION

REM DUR

EARLY START

EARLY FINISH

1200500225

CARRYOVER FOR PHASE III OF RFI/RI

5

29NOV93A

26APR94

ACTIVITY ID

ACTIVITY DESCRIPTION

REM DUR

EARLY START

EARLY FINISH

1200500230

Complete RFP DOE M d Yea Re e

0

20MAY94

ACTIVITY ID

ACTIVITY DESCRIPTION

REM DUR

EARLY START

EARLY FINISH

1200500215

IAG SUBMIT FINAL PHASE III RFI/RI REPORT

0

16JUN94

ACTIVITY ID

ACTIVITY DESCRIPTION

REM DUR

EARLY START

EARLY FINISH

12006001

F'S PROGRAM MAN CEMENT

267

26JUL93A

15MAY95

ACTIVITY ID

ACTIVITY DESCRIPTION

REM DUR

EARLY START

EARLY FINISH

1200601320

EPA/CDH COMMENT RESOLUTION ON PPG TM

3

18APR94A

22APR94

ACTIVITY ID

ACTIVITY DESCRIPTION

REM DUR

EARLY START

EARLY FINISH

1200601420

INCORPORATE RFP DOE COMMENTS

3

18APR94A

22APR94

ACTIVITY ID

ACTIVITY DESCRIPTION

REM DUR

EARLY START

EARLY FINISH

1200602268

UPDATE OF ARARs DATA

30

20APR94

1JUN94

ACTIVITY ID

ACTIVITY DESCRIPTION

REM DUR

EARLY START

EARLY FINISH

1200601325

SUBMIT FINAL PPG TM TO RFO DOE, EPA/CDH

0

22APR94

ACTIVITY ID

ACTIVITY DESCRIPTION

REM DUR

EARLY START

EARLY FINISH

1200601330

PFO DOE, EPA/CDH APPROVE FINAL PRG TM

5

25APR94

29APR94

ACTIVITY ID

ACTIVITY DESCRIPTION

REM DUR

EARLY START

EARLY FINISH

1200601440

FINAL RFO DOE REVIEW ON DRAFT SCRN ALTS TM

5

25APR94

29APR94

ACTIVITY ID

ACTIVITY DESCRIPTION

REM DUR

EARLY START

EARLY FINISH

1200601460

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98	FY99	FY00
TREATABILITY/FEASIBILITY STUDY											
120062195	SUBMIT FINAL CMS/FS TO RFO DOE (REV 4)	0		8MAR95		◇					
120062200	PFO DOE REVIEW DRAFT FINAL CMS/FS EA REPORT	5	9MAR95	15MAR95							
120062210	14 SUB FINAL CMS/FS/EA RPT TO EPA/COH (REV 5)	0		16MAR95		◇					
120062215	PFO DOE TRANSMIT (DRAFT) FINAL CMS/FS EA PEP	1	16MAR95	16MAR95							
120062230	OBTAIN EPA C/H CMS/FS REPORT APPROVALS	10	17MAR95	30MAR95							
120062280	CMS/FS REPORT EPA/COH APPROVAL	0		15MAY95		◇					
120062285	CMS/FS REPORT EPA/COH APPROVAL RECEIVED	0		15MAY95		◇					
120062287	CMS/FS REPORT COMPLETE	0		23AUG95							◇
ENVIRONMENTAL ASSESSMENT (NEPA)											
1200700130	Complete RFO DOE Mid Year Review	0	20MAY94			◇					
1200700135	9 CRITERIA ANALYSIS	29	16JUN94	27JUL94		◇					
1200700125	PREPARE DRAFT FS/EA	24	19JUL94	19AUG94		◇					
1200700135	PFP DOE REVIEW DRAFT FS/EA	21	19AUG94	19SEP94		◇					
1200700140	FINALIZE DRAFT FS/EA REPORT	21	20SEP94	18OCT94		◇					
1200700145	SUBMIT DRAFT FS/EA REPORT TO EPA/COH	0		18OCT94		◇					
1200700150	EPA/COH REVIEW DRAFT FS/EA REPORT	59	19OCT94	19JAN95		◇					
1200700153	RESOLVE AGENCY ISSUES	20	20JAN95	16FEB95		◇					
1200700155	REVISE FS/EA REPORT	15	17FEB95	9MAR95		◇					
1200700165	PFP DOE REVIEW FS/EA REPORT	10	10MAR95	23MAR95		◇					
1200700175	FINALIZE & PRODUCE FS/EA REPORT	15	24MAR95	13APR95		◇					
1200700185	SUBMIT FINAL FS/EA REPORT TO EPA/COH	0		13APR95		◇					
1200700190	AGENCIES REVIEW FINAL FS/EA REPORT	21	17APR95	15MAY95		◇					
1200701550	PFO DOE ISSUES FINAL DECISION	61	14MAY96	8AUG96							◇
REMEDIAL ACTION PLAN											
1200800000	Complete RFO DOE Mid Year Review	0	20MAY94			◇					
1200800005	START RAP	0	16MAY95			◇					
1200800005	PREPARE/DEVELOP PROPOSED PLAN	20	16MAY95	13JUN95		◇					
1200800010	DOCUMENT PROCESSING & TRANSMITTAL	5	14JUN95	20JUN95							
1200800015	PFO DOE REVIEW DRAFT PROPOSED PLAN	20	21JUN95	19JUL95		◇					
1200801600	DOE HQ REVIEW DRAFT PROPOSED PLAN	20	21JUN95	19JUL95		◇					
1200801610	INC DOE COMMENTS & FINALIZE DRAFT PROPOSED PLAN	10	20JUL95	20AUG95							
1200801620	DOCUMENT PROCESSING & TRANSMITTAL	5	30AUG95	9AUG95							
1200801630	TAG SUBMIT DRAFT PROPOSED PLAN (PP)	0		9AUG95		◇					
1200801640	EPA/COH REVIEW DRAFT PROPOSED PLAN	21	10AUG95	8SEP95		◇					

Sheet 2 of 4

ECPC POCKY FLATS, INC
DU1 - 881 HILLSIDE
ADS 1001

DMX

Activity Bar
Program Bar
Issue Flag Activity

Project Start Date: 25APR94
Project End Date: 04F94
Project Status: 101
Project Code: sh 266C111
Project Name: Sytem Inc

Date: _____
Revision: _____
Checked: _____
Approved: _____

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98	FY99	FY00
REMEDIAL ACTION PLAN											
12008C1650	NRDA TRUSTEES REVIEW DRAFT PROPOSED PLAN	21	10AUG95	8SEP95							
12008C1660	INCOPP AGENCY COMMENTS & FINALIZE PROPOSED PLAN	15	11SEP95	24SEP95							
12008C1670	DOCUMENT PROCESSING & TRANSMITTAL	5	20CT95	60CT95							
12008C1680	DOE HQ REVIEW FINAL PROPOSED PLAN EA	10	90CT95	200CT95							
12008C1690	PFO DOE REVIEW FINAL PROPOSED PLAN EA	10	90CT95	200CT95							
12008C1700	INCOPP DOE COMMENTS & FINAL PROPOSED PLAN EA	5	230CT95	270CT95							
12008C1710	DOCUMENT PROCESSING & TRANSMITTAL	5	300CT95	300V95							
12008C1720	INCOPP SUBMIT FINAL PROPOSED PLAN (PP)	0		300V95							
12008C1730	EPA/CDH REVIEW FINAL PROPOSED PLAN EA	10	6NDV95	17NDV95							
12008C1740	NRDA TRUSTEES REVIEW FINAL PROPOSED PLAN EA	10	6NDV95	17NDV95							
12008C1750	INCOPP AGENCY COMMENTS & FINALIZE PROPOSED PLAN	10	20NDV95	5DEC95							
12008C1755	PLACE AD FOR PUBLIC HEARING	5	6DEC95	12DEC95							
12008C1760	DOCUMENT PROCESSING & TRANSMITTAL	5	6DEC95	12DEC95							
12008C1770	PUBLIC COMMENT PERIOD PROPOSED PLAN EA	41	13DEC95	15FEB96							
12008C1775	PUBLIC HEARINGS	1	18JAN96	18JAN96							
12008C1780	INCOPP/CDH PUBLIC COMMENTS PROPOSED PLAN	15	16FEB96	7MAR96							
12008C1791	INCOPP/CDH COMMENTS PROPOSED PLAN	5	8MAR96	14MAR96							
12008C1783	DOE HQ REVIEW FINAL PROPOSED PLAN EA	10	15MAR96	28MAR96							
12008C1785	PFO DOE REVIEW FINAL PROPOSED PLAN EA	10	15MAR96	28MAR96							
12008C1787	INCOPP DOE COMMENTS & FINALIZE PROPOSED PLAN EA	5	1APR96	5APR96							
12008C1789	DOCUMENT PROCESSING & TRANSMITTAL	5	9APR96	12APR96							
12008C1790	INCOPP DRAFT RESPONSIVENESS SUMMARY	0		12APR96							
12008C1800	PFO DOE/EPA/CDH REVIEW DRAFT RESPONSE SUMMARY	21	15APR96	13MAY96							
12008C1810	RESOLVE ISSUES AND FINALIZE RSP SUMMARY	20	14MAY96	11JUN96							
12008C1813	PFO DOE REVIEW RESPONSIVENESS SUMMARY	10	12JUN96	25JUN96							
12008C1816	INCOPP/CDH RFO-DOE COMMENTS	10	26JUN96	10JUL96							
12008C1820	INCOPP SUBMIT FINAL RESPONSIVENESS SUMMARY	0		19JUL96							
12009C1860	PREPARE PRELIMINARY DRAFT CAD/RDD	20	14MAY96	11JUN96							
12009C1870	DOCUMENT PROCESSING & TRANSMITTAL	5	12JUN96	18JUN96							
12009C1880	PFO DOE REVIEW DRAFT CAD/RDD	10	19JUN96	2JUL96							
12009C1890	DOE HQ/NEPA REVIEW DRAFT CAD/RDD	10	19JUN96	2JUL96							
12009C1900	INCOPP DOE COMMENTS & FINALIZE DRAFT CAD/RDD	7	3JUL96	12JUL96							
12009C1910	DOCUMENT PROCESSING & TRANSMITTAL	5	15JUL96	19JUL96							
RECORD OF DECISION											

PL 1 () 2000041 0 1 () 04/0004 Pro 1 Start 10 T91 Pro 1 F Sh 2600.111		A 11 () 10/00041 0 1 () 04/00041 Pro 1 Start 10 T91 Pro 1 F Sh 2600.111		00 X EGR FORRY FLATS INC 001 - 881 HILLSIDE ADS 1001		Sheet 3 of 4 Date Revision Checked Approved	
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ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98	FY99	FY00
RECORD OF DECISION											
12009C1920	IAG SUBMIT DRAFT CAD/ROD	0		19JUL96							
12009C1930	EPA/CDH REVIEW DRAFT CAD/ROD	21	22JUL96	19AUG96							
12009C1940	NPDA TRUSTEES REVIEW DRAFT CAD/ROD	21	22JUL96	19AUG96							
12009C1950	INCORPORATE AGENCY COMMENTS & FINALIZE CAD/ROD	5	20AUG96	26AUG96							
12009C1960	DOCUMENT PROCESSING & TRANSMITTAL	5	27AUG96	3SEP96							
12009C1970	RFO DOE REVIEW FINAL CAD/ROD	10	4SEP96	17SEP96							
12009C1980	DOE HQ/NEPA REVIEW FINAL CAD/ROD	10	4SEP96	17SEP96							
12009C1990	INCORP DOE & AGENCY COMMENTS & FINALIZE CAD/ROD	5	18SEP96	24SEP96							
12009C2000	DOCUMENT PROCESSING & TRANSMITTAL	5	25SEP96	1OCT96							
12009C2010	IAG SUBMIT FINAL CAD/ROD	0		1OCT96							
12009C2020	EPA/CDH REVIEW & APPROVE FINAL CAD/ROD	21	20CT96	30OCT96							
12009C2030	NPDA TRUSTEES REVIEW & APPROVE FINAL CAD/ROD	21	20CT96	30OCT96							
12009C2040	RELEASE RESPONSIVENESS SUMMARY TO PUBLIC	10	31OCT96	13NOV96							

Pro t Start 10.1q1 Pro t F sh 260CT11		Bar Ear l 0 tes Progr Bar tes one flag ac ty		BU X		ERPG PORKY FLATS, INC DU1 - 881 HILLSIDE ADS 1001		Sheet 1 of 1		Date Revision Checked Approved	
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ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98	FY99	FY00
REMEDIAL INVESTIGATION											
1057014811	DRAFT COC TM	0	10CT93A	20CT93A							
1205C1006	RESUME WORK ON WIDE	0		2MAY94							
12057C1010	RE AGGREGATE DATA	5	2MAY94	6MAY94							
12057C1015	BACKGROUND COMPARISON	15	9MAY94	27MAY94							
12057C1020	ORGANIC DATA TABLES	5	9MAY94	13MAY94							
12057C1025	SELECT COC S (LOW WIDE)	15	31MAY94	20JUN94							
12057C1030	REVISE COC TECH MEMO	15	21JUN94	12JUL94							
12057C1060	EVALUATE NATURE & EXTENT	40	21JUN94	16AUG94							
12057C1032	COMPLETE DRAFT COC TECH MEMO	0		12JUL94							
1205C1045	REVISE DRAFT EXPOSURE TECH MEMO	50	13JUL94	21SEP94							
12057C1034	EG & G/DOE REVIEW OF COC DRAFT TECH MEMO	15	13JUL94	2AUG94							
12057C1040	EPAC/CDH REVIEW OF COC TECH MEMO	15	27JUL94	16AUG94							
10511076	RESPOND TO COMMENTS	10	3AUG94	16AUG94							
12057C1038	SUBMIT DRAFT FOR TH TO AGENCIES	0		16AUG94							
12057C1065	NATURE & EXTENT TABLES & FIGURES	20	17AUG94	14SEP94							
12057C1042	RESPOND TO COMMENTS	10	17AUG94	30AUG94							
12057C1071	GROUNDWATER MODELING	20	24AUG94	21SEP94							
12057C1080	BASELINE RISK ASSESSMENT BOILER PLATE	15	30AUG94	20SEP94							
12057C1075	SURFACE WATER & AIR MODELING	25	31AUG94	5OCT94							
12057C1043	SUBMIT DRAFT FINAL COC TECH MEMO TO AGENCIES	0	31AUG94	30AUG94							
1205C1085	BASELINE PI K ASSESSMENT	111	22SEP94	7MAR95							
12057C1055	EXPOSURE TECH MEMO REVIEW & REVISIONS	50	22SEP94	2DEC94							
12057C1050	EXPOSURE TECH MEMO COMPLETE	0		2DEC94							
12057C1095	ENVIRONMENTAL EVALUATION	30	11JAN95	21FEB95							
12057C1100	INCORPORATE EE INTO PI REPORT	5	22FEB95	28FEB95							
12057C1090	BASELINE RISK ASSESSMENT PEER REVIEW	10	8MAR95	21MAR95							
12057C1105	INCORPORATE EPA INTO PI REPORT	5	22MAR95	28MAR95							
12057C1110	REPRODUCTION	5	24MAR95	4APR95							
11115	DRAFT RI REPORT TO E&G/DOE	0		4APR95							
11115	E&G/DOE REVIEW DRAFT	19	5APR95	2MAY95							

Date	Revision	Checked	Approved

Project: 1044
 Start: 10/91
 End: 10/91
 Project Manager: [Signature]
 Project Engineer: [Signature]
 Project Coordinator: [Signature]
 Project Assistant: [Signature]

Sheet 1 of 2
 E&G/DOE RISK ASSESSMENT RI THRU ROD
 DU2 - 903 PAD, MOUND, EAST TRENCHES
 RISK ASSESSMENT RI THRU ROD

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98	FY99	FY00
12057C1125	INCORPORATE COMMENTS	20	3MAY95	31MAY95							
12057C1130	FINAL DRAFT TO AGENCIES/NRDA	0		31MAY95							
12057C1135	AGENCY/NPDA REVIEW	63	1JUN95	29AUG95							
12057C1140	PECIEVE AGENCY/NPDA COMMENTS	0		29AUG95							
12057C1145	INCORPORATE AGENCY COMMENTS	30	30AUG95	11OCT95							
12057C1150	DRAFT FINAL TO EG&G/DOE	0		11OCT95							
12057C1155	EG&G/DOE REVIEW FINAL	20	12OCT95	8NOV95							
12057C1160	INCORPORATE EG&G/DOE REVIEW COMMENTS	18	9NOV95	6DEC95							
12057C1165	FINAL TO EPA	0		6DEC95							
12058C1000	FEASIBILITY STUDY START	0	26JUL93A								
12058C0001	FS PROGRAM MANAGEMENT	761	26JUL93A	18FEB97							
12058C1010	PREPARE SOW	0	27JUL93A	18AUG93A							
12058C1040	EG&G PROVIDES SITEWIDE BENCHMARK TABLES	0	27JUL93A	28JUL93A							
12058C1170	SITEWIDE FEASIBILITY STUDIES DATA	0	27JUL93A	28JUL93A							
12058C1020	HOLD PREBID MEETING	0	18AUG93A	18AUG93A							
12058C1030	PERFORM TECH EVAL	0	19AUG93A	7SEP93A							
12058C1040	CONDUCT CONTRACT NEGOTIATIONS	0	8SEP93A	29SEP93A							
12058C1050	AWARD CONTRACT	0		30SEP93A							
12058C3000	NATURE AND EXTENT DURI	0	10CT93A	7OCT93A							
12058C620	FS WORK PLAN DEVELOPMENT	0	25OCT93A	13DEC93A							
12058C1060	IDENTIFY COLLECT AND DELIVER RI DATA TO SUBCONT	0	8NOV93A	23NOV93A							
12058C1080	CONDUCT RI DATA SUFFICIENCY REVIEW	0	24NOV93A	23DEC93A							
12058C630	SUBMIT FS WORK PLAN TO EG&G	0		13DEC93A							
12058C1085	DELIVER EDS REPORT TASK 1	0	28DEC93A	28DEC93A							
12058C1087	DELIVER EDS REPORT, TASK 1	0	29DEC93A	29DEC93A							
12058C1180	DEVELOP COMP LIST OF TECH, TASK 3	0	30DEC93A	12JAN94A							
12058C1070	SUBCONTRACTOR DEVELOPS INTERNAL WORK PLAN	18	31JAN94	23FEB94							
12058C1100	REVIEW AND ASSESS POTENTIAL ARAO	20	31JAN94	25FEB94							
12058C1190	DETERMINE NEED FOR FEASIBILITY STUDY	60	31JAN94	25APR94							

REMEDIAL INVESTIGATION

FEASIBILITY/FEASIBILITY STUDY

PLT t t D t b t Proj 1 Start 10CT94 Proj 1 F sh 16JUN11		31JAN94 31JAN94 10CT94 16JUN11		EG&G ROCKY FLATS, INC DU2 - 903 PAD, MOUND, EAST TRENCHES RISK ASSESSMENT RI THRU ROD		Sheet 2 of 7 802X		Date Revision Checked Approved	
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ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH
12058C1408	SUBMIT DRAFT TM#2 TO DOE	0		27OCT94
12058C3035	SUBMIT REVISED PRGS TO DOE/PFO	0		27OCT94
120 1410	DOE REVIEW AND COMMENT 01 PRELIMINARY DRAFT TM#2	20	28OCT94	28NOV94
12058C3040	EG&G/DOE REVIEW REVISED PRGS	10	28OCT94	10NOV94
12058C1302	SUBMIT DRAFT TM#1 TO EPA/CDH	0		4NOV94
12058C1305	EPA/CDH REVIEW OF TM#1	10	7NOV94	18NOV94
12058C3050	PRG RESOLUTION	10	11NOV94	28NOV94
12058C1310	MEETING WITH EPA/CDH	1	21NOV94	21NOV94
12058C1320	COMMENT RESOLUTION ON TM#1	8	22NOV94	5DEC94
12058C3055	PRGS FINALIZED	0		28NOV94
12059C1420	INCORPORATE DOE COMMENTS	5	29NOV94	5DEC94
12059C1425	SUBMIT FINAL TM#1 TO DOE, EPA/CDH	0		5DEC94
12058C1330	DOE, EPA/CDH APPROVE FINAL TM#1	10	6DEC94	19DEC94
12058C1440	FINAL DOE REVIEW ON DRAFT TM#2	5	6DEC94	12DEC94
12058C1460	DELIVER TM#2 TO EG&G/DOE, EPA/CDH	1	13DEC94	13DEC94
12059C1462	EPA/CDH REVIEW OF TM#2	15	14DEC94	11JAN95
12059C1464	CONDITIONAL APPROVALS MEETING WITH EPA/CDH	1	21FEB95	21FEB95
12058C1466	COMMENT RESOLUTION	5	22FEB95	28FEB95
12059C1468	SUBMIT FINAL TM#2 TO DOE EPA/CDH	0		28FEB95
12058C1472	END PHASE 1 FS	0		28FEB95
12058C2160	SUMMARIZE TM#1, TM#2 & TREATABILITY STUDY	5	7DEC95	13DEC95
12058C2270	ANALYZE ALTERNATIVES AGAINST 9 CRITERIA (TASK 10)	60	14DEC95	14MAR96
12058C2240	EA/NEPA REVIEW OF ALTERNATIVES	42	14DEC95	19FEB96
12058C2272	COMPARATIVE ANALYSIS OF ALTER AGAINST 9 CRITERIA	10	15MAR96	28MAR96
12058C2274	MEETING WITH EPA/CDH	1	1APR96	1APR96
12058C2300	PREPARE PRELIMINARY DRAFT CNS/FS EA REPORT	20	2APR96	29APR96
12058C2302	PRELIMINARY DRAFT CNS/FS	0		29APR96
1205C2305	EG&G REVIEW CNS/FS REPORT	5	30APR96	6MAY96
1 31	INCORPORATE COMMENTS	5	7MAY96	13MAY96
1	FINAL REPORT CM /FS TO DOE	0		13MAY96

ACTIVITY ID

ACTIVITY DESCRIPTION

REM DUR

EARLY START

EARLY FINISH

12058C1408 SUBMIT DRAFT TM#2 TO DOE

12058C3035 SUBMIT REVISED PRGS TO DOE/PFO

120 1410 DOE REVIEW AND COMMENT 01 PRELIMINARY DRAFT TM#2

12058C3040 EG&G/DOE REVIEW REVISED PRGS

12058C1302 SUBMIT DRAFT TM#1 TO EPA/CDH

12058C1305 EPA/CDH REVIEW OF TM#1

12058C3050 PRG RESOLUTION

12058C1310 MEETING WITH EPA/CDH

12058C1320 COMMENT RESOLUTION ON TM#1

12058C3055 PRGS FINALIZED

12059C1420 INCORPORATE DOE COMMENTS

12059C1425 SUBMIT FINAL TM#1 TO DOE, EPA/CDH

12058C1330 DOE, EPA/CDH APPROVE FINAL TM#1

12058C1440 FINAL DOE REVIEW ON DRAFT TM#2

12058C1460 DELIVER TM#2 TO EG&G/DOE, EPA/CDH

12059C1462 EPA/CDH REVIEW OF TM#2

12059C1464 CONDITIONAL APPROVALS MEETING WITH EPA/CDH

12058C1466 COMMENT RESOLUTION

12059C1468 SUBMIT FINAL TM#2 TO DOE EPA/CDH

12058C1472 END PHASE 1 FS

12058C2160 SUMMARIZE TM#1, TM#2 & TREATABILITY STUDY

12058C2270 ANALYZE ALTERNATIVES AGAINST 9 CRITERIA (TASK 10)

12058C2240 EA/NEPA REVIEW OF ALTERNATIVES

12058C2272 COMPARATIVE ANALYSIS OF ALTER AGAINST 9 CRITERIA

12058C2274 MEETING WITH EPA/CDH

12058C2300 PREPARE PRELIMINARY DRAFT CNS/FS EA REPORT

12058C2302 PRELIMINARY DRAFT CNS/FS

1205C2305 EG&G REVIEW CNS/FS REPORT

1 31 INCORPORATE COMMENTS

1 FINAL REPORT CM /FS TO DOE

12058C1408

12058C3035

120 1410

12058C3040

12058C1302

12058C1305

12058C3050

12058C1310

12058C1320

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12059C1420

12059C1425

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12058C1440

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12058C1466

12059C1468

12058C1472

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13DEC94

11JAN95

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28FEB95

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ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH
12058C2320	DOE REVIEW OF PPEL DRAFT CMS/FS EA REPORT	20	14MAY96	11JUN96
12058C2330	ADDRESS COMMENTS & PREPARE DRAFT CMS/FS EA RPT	10	12JUN96	25JUN96
12058C2340	FINAL DOE REVIEW OF DRAFT CMS/FS REPORT	20	26JUN96	24JUL96
12058C2350	INCORPORATE COMMENTS	5	25JUL96	31JUL96
12058C210	IAF SUBMIT DRAFT CMS/FS REPORT	0		31JUL96
12058C180	EPA/COH, NEPA REVIEW OF DRAFT CMS/FS EA REPORT	62	1AUG96	28OCT96
12058C2190	PREPARE DRAFT FINAL CMS/FS EA REPORT	19	29OCT96	22NOV96
12058C2195	SUBMIT FINAL CMS/FS TO DOE	0		22NOV96
12058C2200	DOE REVIEW DRAFT FINAL CMS/FS EA REPORT	18	25NOV96	20DEC96
12059C2210	IAF SUBMIT FINAL CMS/FS REPORT	0		20DEC96
12059C2215	DOE TRANSMITTAL OF DRAFT FINAL CMS/FS EA REPORT	0	24DEC96	20DEC96
12059C2230	OBTAIN CMS/FS REPORT APPROVALS	10	23DEC96	13JAN97
12059C2240	PREP FINAL CMS/FS EA REPORT	21	14JAN97	11FEB97
12059C2250	FILE TRANSMITTAL OF FINAL CMS/FS EA REPORT TO DOE	0		11FEB97
12059C2260	DOE TRANSMITTAL OF FINAL CMS/FS EA REPORT	5	12FEB97	18FEB97
12059C2270	DOE REVIEW OF DRAFT CMS/FS EA REPORT	0		18FEB97
12059C2280	DOE TRANSMITTAL OF FINAL CMS/FS EA REPORT	0		18FEB97
12059C2290	DOE TRANSMITTAL OF FINAL CMS/FS EA REPORT	0		18FEB97
12059C2300	DOE TRANSMITTAL OF FINAL CMS/FS EA REPORT	0		18FEB97
12059C2310	DOE TRANSMITTAL OF FINAL CMS/FS EA REPORT	0		18FEB97
12059C2320	DOE TRANSMITTAL OF FINAL CMS/FS EA REPORT	0		18FEB97
12059C2330	DOE TRANSMITTAL OF FINAL CMS/FS EA REPORT	0		18FEB97
12059C2340	DOE TRANSMITTAL OF FINAL CMS/FS EA REPORT	0		18FEB97
12059C2350	DOE TRANSMITTAL OF FINAL CMS/FS EA REPORT	0		18FEB97
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12059C4200	DOE TRANSMITTAL OF FINAL CMS/FS EA REPORT	0		18FEB97
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12059C4220	DOE TRANSMITTAL OF FINAL CMS/FS EA REPORT	0		18FEB97
12059C4230	DOE TRANSMITTAL OF FINAL CMS/FS EA REPORT	0		18FEB

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH
12060C1680	DOE HQ PEV1 FINAL PROPOSED PLAN EA	10	26FEB97	11MAR97
12060C1690	DOE RFO PEVIEW FINAL PROPOSED PLAN EA	10	26FEB97	11MAR97
12060C1700	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN EA	5	1MAR97	18MAR97
12060C1710	DOCUMENT PROCESSING & TRANSMITTAL	5	1MAR97	25MAR97
12060C1720	IAG SUBMIT FINAL PROPOSED PLAN (PP)	0		25MAR97
12060C1730	EPA/CDH REVIEW FINAL PROPOSED PLAN EA	10	26MAR97	9APR97
12060C1740	NRDA TRUSTEES REVIEW FINAL PROPOSED PLAN EA	10	26MAR97	9APR97
12060C1750	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	10	10APR97	23APR97
12060C1753	PLACE AD	5	24APR97	30APR97
12060C1760	DOCUMENT PROCESSING & TRANSMITTAL	5	24APR97	30APR97
12060C1770	PUBLIC COMMENT PERIOD PROPOSED PLAN EA	41	1MAY97	27JUN97
12060C1773	PUBLIC HEARING	1	29MAY97	29MAY97
12060C1780	INCORPORATE COMMENTS	15	30JUN97	21JUL97
12060C1781	DOCUMENT PROCESSING & TRANSMITTAL	5	22JUL97	28JUL97
12060C1783	DOE RFO PEVIEW FINAL	10	29JUL97	11AUG97
12060C1785	DOE HQ PEVIEW FINAL	10	29JUL97	11AUG97
12060C1787	INCORPORATE COMMENTS & FINALIZE	5	12AUG97	18AUG97
12060C1789	DOCUMENT PROCESSING & TRANSMITTAL	5	19AUG97	25AUG97
12060C1790	IAG SUBMIT DRAFT RESPONSIVENESS SUMMARY	0		25AUG97
12060C1800	DOE/EPA/CDH REVIEW DRAFT RESPONSIVENESS SUMMARY	21	26AUG97	24SEP97
12060C1810	PESOLVE ISSUES & FINALIZE RESPON SUMMARY	20	25SEP97	22OCT97
12060C1813	DOE REVIEW RESPONSIVENESS SUMMARY	10	23OCT97	5NOV97
12060C1816	INCORPORATE COMMENTS	10	6NOV97	19NOV97
12060C1820	IAG SUBMIT FINAL RESPONSIVENESS SUMMARY	0		26NOV97
12062C1860	PREPARE PRELIMINARY DRAFT CAD/RDD	20	19AUG97	16SEP97
12062C1870	DOCUMENT PROCESSING & TRANSMITTAL	5	17SEP97	23SEP97
12062C1880	DOE RFO REVIEW DRAFT CAD/RDD	10	24SEP97	7OCT97
12062C1890	DOE HQ/NEPA PEVIEW DRAFT CAD/RDD	10	24SEP97	7OCT97
12062C1900	INCORPORATE COMMENTS & FINALIZE DRAFT CAD/RDD	7	11NOV97	19NOV97

RECORD OF DECISION

REMEDIAL ACTION PLAN

EG&G ROCKY FLATS, INC

002 - 903 PAD, MOUND, EAST TRENCHES

RISK ASSESSMENT RI THRU RDD

Sheet 6 of 7

EG&G ROCKY FLATS, INC

002 - 903 PAD, MOUND, EAST TRENCHES

RISK ASSESSMENT RI THRU RDD

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH
1206201910	DOCUMENT PROCESSING & TRANSMITTAL	5	20NOV97	26NOV97
1206201920	IAG SUBMIT DRAFT CAD/ROD	0		26NOV97
1206201930	EPA/CDH REVIEW DRAFT CAD/ROD	21	1DEC97	6JAN98
1206201940	NRDA TRUSTEES REVIEW DRAFT CAD/ROD	21	1DEC97	6JAN98
1206201950	INCORPORATE COMMENTS & FINALIZE CAD/ROD	15	7JAN98	27JAN98
1206201960	DOCUMENT PROCESSING & TRANSMITTAL	5	28JAN98	3FEB98
1206201970	DOE RFO REVIEW FINAL CAD/ROD	10	4FEB98	17FEB98
1206201980	DOE HQ/NEPA REVIEW FINAL CAD/ROD	10	4FEB98	17FEB98
1206201990	INCORPORATE COMMENTS & FINALIZE CAD/ROD	5	18FEB98	24FEB98
1206202000	DOCUMENT PROCESSING & TRANSMITTAL	5	25FEB98	3MAR98
1206202010	IAG SUBMIT FINAL CAD/ROD	0		3MAR98
1206202020	EPA/CDH REVIEW & APPROVE FINAL CAD/ROD	21	4MAR98	2APR98
1206202030	NRDA TRUSTEE REVIEW & APPROVE FINAL CAD/ROD	21	4MAR98	2APR98
1206202035	POD/CAD SIGNED	0		2APR98
1206202040	RELEASE RESPONSE STATEMENT SUMMARY TO PUBLIC	10	3APR98	16APR98

ACTIVITY ID

ACTIVITY DESCRIPTION

REM DUR

EARLY START

EARLY FINISH

RECORD OF DECISION

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1206202010

1206202020

1206202030

1206202035

1206202040

DOCUMENT PROCESSING & TRANSMITTAL

IAG SUBMIT DRAFT CAD/ROD

EPA/CDH REVIEW DRAFT CAD/ROD

NRDA TRUSTEES REVIEW DRAFT CAD/ROD

INCORPORATE COMMENTS & FINALIZE CAD/ROD

DOCUMENT PROCESSING & TRANSMITTAL

DOE RFO REVIEW FINAL CAD/ROD

DOE HQ/NEPA REVIEW FINAL CAD/ROD

INCORPORATE COMMENTS & FINALIZE CAD/ROD

DOCUMENT PROCESSING & TRANSMITTAL

IAG SUBMIT FINAL CAD/ROD

EPA/CDH REVIEW & APPROVE FINAL CAD/ROD

NRDA TRUSTEE REVIEW & APPROVE FINAL CAD/ROD

POD/CAD SIGNED

RELEASE RESPONSE STATEMENT SUMMARY TO PUBLIC

1206201910

1206201920

1206201930

1206201940

1206201950

1206201960

1206201970

1206201980

1206201990

1206202000

1206202010

1206202020

1206202030

1206202035

1206202040

DOCUMENT PROCESSING & TRANSMITTAL

IAG SUBMIT DRAFT CAD/ROD

EPA/CDH REVIEW DRAFT CAD/ROD

NRDA TRUSTEES REVIEW DRAFT CAD/ROD

INCORPORATE COMMENTS & FINALIZE CAD/ROD

DOCUMENT PROCESSING & TRANSMITTAL

DOE RFO REVIEW FINAL CAD/ROD

DOE HQ/NEPA REVIEW FINAL CAD/ROD

INCORPORATE COMMENTS & FINALIZE CAD/ROD

DOCUMENT PROCESSING & TRANSMITTAL

IAG SUBMIT FINAL CAD/ROD

EPA/CDH REVIEW & APPROVE FINAL CAD/ROD

NRDA TRUSTEE REVIEW & APPROVE FINAL CAD/ROD

POD/CAD SIGNED

RELEASE RESPONSE STATEMENT SUMMARY TO PUBLIC

1206201910

1206201920

1206201930

1206201940

1206201950

1206201960

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DOCUMENT PROCESSING & TRANSMITTAL

IAG SUBMIT DRAFT CAD/ROD

EPA/CDH REVIEW DRAFT CAD/ROD

NRDA TRUSTEES REVIEW DRAFT CAD/ROD

INCORPORATE COMMENTS & FINALIZE CAD/ROD

DOCUMENT PROCESSING & TRANSMITTAL

DOE RFO REVIEW FINAL CAD/ROD

DOE HQ/NEPA REVIEW FINAL CAD/ROD

INCORPORATE COMMENTS & FINALIZE CAD/ROD

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NRDA TRUSTEE REVIEW & APPROVE FINAL CAD/ROD

POD/CAD SIGNED

RELEASE RESPONSE STATEMENT SUMMARY TO PUBLIC

1206201910

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DOCUMENT PROCESSING & TRANSMITTAL

IAG SUBMIT FINAL CAD/ROD

EPA/CDH REVIEW & APPROVE FINAL CAD/ROD

NRDA TRUSTEE REVIEW & APPROVE FINAL CAD/ROD

OD 3

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98	FY99	FY00
REMEDIAL INVESTIGATION											
98	Task 6 EE Report	96	14FEB94A	7SEP94							
99	Analysis Phase Approach	0	14FEB94A	28FEB94A							
100	Meeting with EG&F	0	14FEB94A	14FEB94A							
101	Meeting with DOE	0	15FEB94A	15FEB94A							
12	Task 3 Field Investigations	299	21FEB94A	3JUL95							
16	Soil Sampling	0	21FEB94A	23FEB94A							
17	Ship Remaining Samples to Iowa St Univ	0	21FEB94A	22FEB94A							
18	Enter Information to Datacap	0	23FEB94A	23FEB94A							
102	Meeting with EPA	0	28FEB94A	28FEB94A							
103	Analysis Phase	42	28FEB94A	21JUN94							
104	Receive Final Abiotic Data	0	28FEB94A	28FEB94A							
0	Task 1 Project Planning	374	1MAR94A	18OCT95							
2	Obtain Additional Background Info	17	1MAR94A	16MAY94							
105	Data Evaluation/Summary	0	1MAR94A	4APR94A							
1	Develop Project Schedule	0	11MAR94A	15APR94A							
19	Wind Tunnel Study	31	14MAR94A	6JUN94							
20	Ship Soil Samples	0	14MAR94A	16MAR94A							
90	RA Calculations	130	15MAR94A	25OCT94							
91	Risk Calc Spreadsheet	2	15MAR94A	25APR94							
21	Enter Information to Datacap	0	17MAR94A	23MAR94A							
27	Task 4 Data Eval/Mgt	351	1APR94A	15SEP95							
28	Resolution of Data Protocols	0	1APR94A	1APR94A							
29	Data Base Management (Draft P I)	39	1APR94A	16JUN94							
32	GIS Applications	351	1APR94A	15SEP95							
34	Task 5 HHRA	130	1APR94A	25OCT94							
35	Statistical Evaluation	26	1APR94A	27MAY94							
38	Resolution of Background	0	1APR94A	1APR94A							
3	IM Model & Data Log	114	1APR94A	30OCT94							
4	Model & Data Log	0	1APR94A	1APR94A							
5	Model & Data Log	187	1APR94A	24JAN95							

Project Start: 10/1/91
Project Finish: 10/1/98

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Sheet 1 of 11

EIR FOR PORKY FLATS, INC
OU3 - OFFSITE AREAS, ADS 1011
RISK ASSESSMENT RI THRU ROD

Project Manager: [Signature]
Project Engineer: [Signature]
Project Assistant: [Signature]

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98	FY99	FY00
REMEDIAL INVESTIGATION											
119	RI Data Evaluations	187	1APR94A	24JAN95							
124	EG&G Soil Kniging	80	1APR94A	15AUG94							
125	Stochastic Modeling (Pu, Am, U)	6	1APR94A	29APR94							
31	Apply Data Base Protocols	0	4APR94A	6APR94A							
60	Data Aggregation Planning	0	4APR94A	15APR94A							
121	Background & Summary Statistics	0	4APR94A	15APR94A							
106	Analysis Phase Write Up	12	5APR94A	9MAY94							
33	Data Evaluations PARCC Analysis	96	7APR94A	7SEP94							
36	Data Presentation	0	7APR94A	11APR94A							
39	Conduct Strman Statistical Tests	0	7APR94A	13APR94A							
37	Data Presentation Meeting	0	12APR94A	12APR94A							
41	IN#4 COC Determination	94	15APR94A	2SEP94							
42	Determin PLOCs	5	15APR94A	28APR94							
61	Data Aggr. Pr. to EPA LCH	0	18APR94A	18APR94A							
60	Effectiveness Trial	12	19APR94A	9MAY94							
43	Collect Initial Data	1	29APR94	29APR94							
100	Geochemical Analysis	10	29APR94	12MAY94							
25	Evaluate Groundwater Data	10	2MAY94	13MAY94							
40	Conduct RI Statistical Tests	20	2MAY94	27MAY94							
44	Internal Review Draft	5	2MAY94	6MAY94							
126	Reporting Reviewing and Maps Constr	32	2MAY94	15JUN94							
161	Task 8 Project Management	435	2MAY94	31JAN96							
45	Internal Review Process	5	9MAY94	13MAY94							
77	IN#5 Toxicity	82	9MAY94	1SEP94							
78	Internal Review Draft	10	9MAY94	20MAY94							
63	Data Aggregation	10	10MAY94	23MAY94							
107	Senior Review of Analysis	5	10MAY94	16MAY94							
22	Obtain Soil Results	1	11MAY94	11MAY94							
23	Ship Remediation Filter Samples	3	12MAY94	16MAY94							
24	Enter Information to Latacap	5	17MAY94	23MAY94							

PLT 0111 Pro t Start 10CT91 Pro t F sh 19JUN98		0032 Car Earl 0 tes Progress Bar 100% anal/ 100% ac 1t		Sheet 2 of 11 EGG POKKI FLATS, INC DU3 - OFFSITE AREAS, ADS 1011 RISK ASSESSMENT RI THRU ROD		Date Revision Checked Approved	
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ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH
46	Internal Revision	5	17MAY94	23MAY94
108	Revise and Finalize Analysis	10	17MAY94	31MAY94
79	Internal Review Process	5	23MAY94	27MAY94
47	EG&G Review	10	24MAY94	7JUN94
64	Internal Review Draft	10	24MAY94	7JUN94
80	Internal Revision	5	31MAY94	6JUN94
136	Age Dating	10	31MAY94	13JUN94
137	Receive Age Dating Results	0	31MAY94	
138	Incorporate Age Dating into RI	10	31MAY94	13JUN94
13	Air Sampling	272	1JUN94	3JUL95
14	Installation of Air Sampling Equip	23	1JUN94	1JUL94
26	Calibrate Meteorological Stations	4	1JUN94	6JUN94
109	Present Final Results to EPA/DOE/EG&G	15	1JUN94	21JUN94
81	EG&G Review	10	7JUN94	20JUN94
48	Revision	10	8JUN94	21JUN94
65	Internal Review Process	5	8JUN94	14JUN94
110	Review Analysis Document Based on Input	5	14JUN94	20JUN94
66	Internal Revision	5	15JUN94	21JUN94
122	Evaluate Sed SM, & GW Data	10	16JUN94	29JUN94
123	Soil Evaluations	10	16JUN94	29JUN94
127	Stochastic Modeling (metals)	21	16JUN94	15JUL94
82	Revision	5	21JUN94	27JUN94
111	Risk Characterization	50	21JUN94	30AUG94
112	Risk Characterization Write Up	15	21JUN94	12JUL94
49	DOE Review	15	22JUN94	13JUL94
67	EG&G Review	10	22JUN94	6JUL94
83	DOE Review	15	28JUN94	19JUL94
131	CSJ/HAP Data Incorporation	15	1JUL94	22JUL94
15	Performance Sampling	249	5JUL94	3JUL95
68	Performance	10	7JUL94	20JUL94

ACTIVITY ID

ACTIVITY DESCRIPTION

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EARLY START

EARLY FINISH

Sheet 3 of 11

ELPC POLY FATS, INC

OU3 - OFFSITE AREAS, ADS 1011

PICK ASSESSMENT RI THRU ROD

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH
113	Senior Review of Risk Characterization	5	13JUL94	19JUL94
50	Revision	10	14JUL94	27JUL94
3	Quarterly Schedule Update	2	15JUL94	18JUL94
128	Reporting, Reviewing and Maps Constr	10	18JUL94	29JUL94
84	Revision	5	20JUL94	26JUL94
114	Release and Finalize Risk Characterization	10	20JUL94	29AUG94
69	DOE Review	15	21JUL94	10AUG94
85	TH #5 Delivery Meeting	1	27JUL94	27JUL94
51	TH #4 Delivery Meeting	1	28JUL94	28JUL94
86	EPA/CDH Review	15	28JUL94	17AUG94
52	EPA/CDH Review	15	29JUL94	18AUG94
76	Fugitive Dust Modeling (by EGPC)	26	1AUG94	6SEP94
129	Data Analysis (trenches)	5	1AUG94	5AUG94
115	Pre-ent Final Plans to EPA/DOE/EGPC	15	3AUG94	23AUG94
140	Reporting (trenches)	6	8AUG94	15AUG94
92	Identify Exposure Distributions	20	10AUG94	7SEP94
76	Revision	10	11AUG94	24AUG94
97	Draft RA Report	52	12AUG94	25OCT94
139	PI Report	10	16AUG94	29AUG94
140	Draft Plans	10	16AUG94	29AUG94
87	TH #5 Review Meeting	1	18AUG94	18AUG94
53	TH #4 Review Meeting	1	19AUG94	19AUG94
88	Respond to Comments	10	19AUG94	15SEP94
54	Respond to Comments	10	22AUG94	25SEP94
116	Revise Risk Char Doc Based on Input	5	24AUG94	30AUG94
71	TH #3 Delivery Meeting	1	25AUG94	25AUG94
72	EPA/CDH Review	15	26AUG94	16SEP94
89	TH #5 Comments Meeting	1	26AUG94	26AUG94
55	TH #4 Comments Meeting	1	29AUG94	29AUG94
11	Draft EE	5	31AUG94	7SEP94

PL (t) t Start 10/1/94
Pro t f sh 15JUN98

PL (t) t Start 10/1/94
Pro t f sh 15JUN98

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ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH
56	TM#2 Meeting Exposure Path	1	25SEP94	25SEP94
57	TM#2 Comment Responsiveness Summary	10	6SEP94	19SEP94
93	Calc Exposure Point Conc	10	12SEP94	23SEP94
132	Wind Tunnel	88	13SEP94	24JAN95
133	Receive Results from RFEDS	58	13SEP94	50EC94
73	TM#3 Meeting	1	19SEP94	19SEP94
94	Calc Risk Based Ref Levels	5	19SEP94	23SEP94
74	Respond to Comments	10	20SEP94	30CT94
95	Risk and Dose Calcs	10	26SEP94	70CT94
75	TM#3 Comments Meeting	1	27SEP94	27SEP94
96	Quant Uncert Analysis Calcs	15	29SEP94	180CT94
4	Quarterly Schedule Update	2	140CT94	170CT94
141	Task 5.6.7 Draft RA/RI/EE Report	187	260CT94	28JUL95
142	Internal Review Draft	25	260CT94	10EC94
4	Task 2 Community Relations	247	15NOV94	10NOV95
143	Pratation of Draft PI	10	15NOV94	30NOV94
143	Internal Review Forces	10	20EC94	150EC94
144	Apply Data Protocols	10	60EC94	19DEC94
144	Internal Revision	20	160EC94	20JAN95
135	Incorporate Data in RA	20	200EC94	24JAN95
5	Quarterly Schedule Update	2	3JAN95	4JAN95
145	EG&R Review	20	23JAN95	17FEB95
146	Revision	20	20FEB95	17MAR95
147	DOE Review	20	20MAR95	17APR95
6	Quarterly Schedule Update	2	10APR95	11APR95
148	Revision	10	19APR95	1MAY95
149	IAC Submit Draft PFI/RI Ppt to EPA/CDH	0		1MAY95
10	EPA/CDH Review	62	2MAY95	28JUL95
30	Data Base Management (Final P I)	23	15JUN95	18JUL95
7	Quarterly Schedule Update	2	13JUL95	14JUL95

Project Start Date: 10/1/93

Project End Date: 10/1/98

Project Manager: J. L. Jones, Inc.

Sheet 5 of 11

Project: E181 PONY FLATS, INC

DU3 - OFFSITE AREAS, ADS 1011

RISK ASSESSMENT RI THRU ROD

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98	FY99	FY00
REMEDIAL INVESTIGATION											
151	Task 5,6,7 Final HRA/EE/PI	145	31JUL95	29FEB96							
152	Incorporate Comments & Final HRA/EE/RI	30	31JUL95	11SEP95							
153	Internal Review Process	10	12SEP95	25SEP95							
154	Internal Revision	15	26SEP95	16OCT95							
155	Presentation of Final RI	20	16OCT95	10NOV95							
156	Quarterly Schedule Update	2	17OCT95	18OCT95							
157	Errata Review	20	17OCT95	13NOV95							
158	Revision	20	14NOV95	13DEC95							
159	DOE Review	20	14DEC95	18JAN96							
160	Revision	20	19JAN96	15FEB96							
161	Submit Final RFI/RI Rpt to EPA/CDH	0		15FEB96							
162	Project Close Out	10	16FEB96	29FEB96							
TREATABILITY/FEASIBILITY STUDY											
12107018	STOP WORK ORDER LIFTED	0	4APR94A								
12107049	RESOLUTION OF METHODOLOGIES FOR DETAILED ANALYSIS	18	7APR94A	29JAN96							
12107001	FS PROGRAM IMPLEMENT	665	19JUL94	23APR97							
12107100	FEASIBILITY STUDY START	0	19AUG94								
12107105	DELIVER EDS REPORT TASK 1	1	19AUG94	19AUG94							
12107110	REVIEW AND ACCESS POTENTIAL ARAR	20	19AUG94	16SEP94							
12107114	DEVELOP PROS	5	19AUG94	25AUG94							
12107117	SITING TREATABILITY STUDIES DATA	1	19AUG94	19AUG94							
12107119	DETERMINE NEED FOR TREATABILITY STUDY	60	19AUG94	11NOV94							
12107118	DEVELOP COMP LIST OF TECH TASK 3	15	22AUG94	12SEP94							
12107115	DEVELOP GPA	5	26AUG94	1SEP94							
12107115	DEVELOP PFCs	15	2SEP94	23SEP94							
12107123	CONDUCT INITIAL SCREENING OF TECH	15	13SEP94	30OCT94							
12107111	EG&C/DOE MEETING TO DISCUSS POTENTIAL APAPS	1	10SEP94	19SEP94							
12107112	PREPARE TASK 2 REPORT	5	20SEP94	26SEP94							
12107111	MEETING WITH EPA/CDH	1	26SEP94	26SEP94							
12107111	PROJECT COMPLETE	0	27SEP94	26SEP94							

Project Start Date: 10/19/94	Project End Date: 10/19/94	Project Name: 003 - OFFSITE AREAS, ADS 1011 RISK ASSESSMENT RI THRU ROD	Sheet: 6 of 11
Prepared By: J. P. Inc.	Reviewed By: J. P. Inc.	Checked By: J. P. Inc.	Approved By: J. P. Inc.

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH
1210 C1210	DEVELOP DRAFT TM #1	25	27SEP94	31OCT94
1210 C2268	UPDATE OF ARARs DATA	30	27SEP94	7NOV94
12107C1240	DEVELOP TASK 6 REPORT	20	4OCT94	31OCT94
12107C1245	SUBMIT INTERNAL SCREENING REPORT	0		31OCT94
12107C1220	EG&G REVIEW AND COMMENT TM #1	5	1NOV94	7NOV94
12107C1260	DEVELOP ALTERNATIVE LIST (TASK 7)	20	1NOV94	30NOV94
12107C1225	INCORPORATE COMMENTS TM#1	5	8NOV94	14NOV94
12107C1227	SUBMIT DRAFT TM#1 TO DOE	0		14NOV94
12107C2266	DOU SPECIFIC TREATABILITY STUDY	160	14NOV94	10JUL95
12107C1240	EG&G AND DOE REVIEW & COMMENT DRAFT TM#1	20	15NOV94	14DEC94
12107C1270	DELIVER TASK 7 REPORT	1	1DEC94	1DEC94
12107C1272	SUBMIT ALTERNATIVE LIST	0	2DEC94	1DEC94
12107C1275	MEETING WITH EPA/CDH	1	2DEC94	2DEC94
12107C1380	SCREEN ALTERNATIVES TASK 9	40	5DEC94	6FEB95
1210 C1300	INCORPORATE COMMENTS AND PRODUCE FINAL TM#1	10	15DEC94	5JAN95
12107C1310	SUBMIT DRAFT TM#1 TO EPA/CDH	0		5JAN95
1210 C1315	EPA/CDH REVIEW OF TM#1	10	6JAN95	19JAN95
12107C1310	MEETING WITH EPA/CDH	1	20JAN95	20JAN95
12107C1320	COMMENT RESOLUTION ON TM#1	8	23JAN95	1FEB95
12107C1325	SUBMIT FINAL TM#1 TO DOE, EPA/CDH	0		1FEB95
12107C1330	DOE, EPA/CDH APPROVE FINAL TM#1	10	2FEB95	15FEB95
12107C1360	DEVELOP TASK 8 REPORT	10	7FEB95	20FEB95
12107C1365	SUBMIT ALTERNATIVES REPORT	0		20FEB95
12107C1390	DEVELOP TM#2 TASK 9	25	21FEB95	27MAR95
12107C3030	REVISE PPGs	5	20MAR95	24MAR95
12107C3035	SUBMIT REVISED PPGs TO DOE/RFO	0		24MAR95
12107C3040	EG&G/DOE REVIEW REVISED PPGs	10	27MAR95	7APR95
12107C1400	DELIVER TASK 9 DRAFT TM#2	1	28MAR95	28MAR95
12107C1403	EG&G REVIEW TM#2	8	29MAR95	7APR95
1211 C1406	INCORPORATE COMMENTS TM#2	5	10APR95	17APR95

12107C1403

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12107C1418

12107C1421

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12107C1748

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12107C1760

12107C1763

12107C1766

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12107C1772

12107C1775

12107C1778

12107C1781

12107C1784

12107C1787

12107C1790

12107C1793

12107C1796

12107C1799

12107C1802

12107C1805

12107C1808

12107C1811

12107C1814

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ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH
1210C2195	SUBMIT FINAL CMS/FS TO DOE	0		5FEB97
1210C2200	DOE REVIEW OF DRAFT FINAL CMS/FS EA REPORT	18	6FEB97	3MAR97
12107C2210	SUBMIT FINAL CMS/FS	0		3MAR97
12107C2215	DOE TRANSMITTAL OF DRAFT FINAL CMS/FS EA REPORT	0	4MAR97	3MAR97
1210C2230	OBTAIN CMS/FS REPORT APPROVALS	10	4MAR97	17MAR97
1210C2240	PREP FINAL CMS/FS EA REPORT	21	18MAR97	16APR97
1210C2250	RE SUBMIT FINAL CMS/FS EA REPORT TO DOE	0		16APR97
12107C2260	DOE TRANSMITTAL OF FINAL CMS/RS EA REPORT	5	17APR97	23APR97
12107C2280	SUBMIT FINAL CMS/FS EA REPORT	0		23APR97
REMEDIAL ACTION PLAN				
12104C1570	PREPARE PRELIMINARY DRAFT PROPOSED PLAN	20	4OCT96	31OCT96
12104C1590	DOCUMENT PROCESSING & TRANSMITTAL	5	1NOV96	7NOV96
12104C1540	DOE/PCO REVIEW DRAFT PROPOSED PLAN	20	8NOV96	9DEC96
12104C1600	DOE HQ REVIEW DRAFT PROPOSED PLAN	20	8NOV96	9DEC96
12104C1610	INCORPORATE COMMENTS AND FINALIZE DRAFT PROPOSED PLAN	10	10DEC96	23DEC96
12104C1620	DOCUMENT PROCESSING & TRANSMITTAL	5	24DEC96	7JAN97
12104C1625	DOE SECOND REVIEW DRAFT PROPOSED PLAN	5	8JAN97	14JAN97
12104C1627	INCORPORATE COMMENTS	5	15JAN97	21JAN97
12104C1640	SUBMIT DRAFT PROPOSED PLAN	0		3MAR97
12104C1640	EPA/CDH REVIEW DRAFT PROPOSED PLAN	21	4MAR97	2APR97
12104C1650	NPIA TRUSTEES REVIEW DRAFT PROPOSED PLAN	21	4MAR97	2APR97
12104C1660	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	15	3APR97	23APR97
12104C1670	DOCUMENT PROCESSING & TRANSMITTAL	5	24APR97	30APR97
12104C1680	DOE HQ REVIEW FINAL PROPOSED PLAN EA	10	1MAY97	14MAY97
12104C1690	DOE RFO REVIEW FINAL PROPOSED PLAN EA	10	1MAY97	14MAY97
12104C1700	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN EA	5	15MAY97	21MAY97
12104C1710	DOCUMENT PROCESSING & TRANSMITTAL	5	22MAY97	28MAY97
12104C1720	SUBMIT FINAL PROPOSED PLAN	0		28MAY97
12104C1730	EPA/CDH REVIEW FINAL PROPOSED PLAN EA	10	29MAY97	12JUN97
12104C1740	NPIA TRUSTEES REVIEW FINAL PROPOSED PLAN EA	10	29MAY97	12JUN97

PLT 11

Pro Start 2 Feb 94

Pro End 14 Jun 98

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ERRI PUCKY FLATS, INC

DU3 - OFFSITE AREAS, ADS 1011

RISK ASSESSMENT RI THRU ROD

ACTIVITY ID	DESCRIPTION	REM DUR	EARLY START	EARLY FINISH
121001750	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	10	13JUN97	26JUN97
121001755	PLACE AD	1	27JUN97	27JUN97
121001760	DOCUMENT PROCESSING & TRANSMITTAL	5	27JUN97	3JUL97
121001770	PUBLIC COMMENT PERIOD PROPOSED PLAN EA	41	7JUL97	25SEP97
121001775	PUBLIC HEARING	1	4AUG97	4AUG97
121001180	INCORPORATE COMMENTS & FINALIZE	15	35SEP97	235SEP97
121001781	DOCUMENT PROCESSING & TRANSMITTAL	5	24SEP97	30SEP97
121001783	DOE RFO REVIEW FINAL PROPOSED PLAN EA	10	10CT97	140CT97
121001785	DOE HQ REVIEW FINAL PROPOSED PLAN EA	10	10CT97	140CT97
121001787	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN EA	5	150CT97	210CT97
121001789	DOCUMENT PROCESSING & TRANSMITTAL	5	220CT97	280CT97
121001790	SUBMIT DRAFT RESPONSIVENESS SUMMARY	0		280CT97
121001800	DOE/EPA/CDH REVIEW DRAFT RESPONSIVENESS SUMMARY	21	290CT97	26NOV97
121001810	RESOLVE ISSUES & FINALIZE RESPONSIVENESS SUMMARY	20	10EC97	5JAN98
121001811	DOE REVIEW RESPONSIVENESS SUMMARY	10	6JAN98	19JAN98
121001111C	INCORPORATE COMMENTS	10	20JAN98	2FEB98
121001820	SUBMIT FINAL RESPONSIVENESS SUMMARY	0		9FEB98
1211001860	PREPARE PRELIMINARY DRAFT CAD/RDD	20	220CT97	18NOV97
1211001870	DOCUMENT PROCESSING & TRANSMITTAL	5	19NOV97	25NOV97
1211001880	DOE RFO REVIEW DRAFT CAD/RDD	10	26NOV97	11DEC97
1211001890	DOE HQ/NEPA REVIEW DRAFT CAD/RDD	10	26NOV97	11DEC97
1211001900	INCORPORATE COMMENTS & FINALIZE DRAFT CAD/RDD	7	23JAN98	2FEB98
1211001910	DOCUMENT PROCESSING & TRANSMITTAL	5	3FEB98	9FEB98
1211001920	SUBMIT DRAFT CAD/RDD	0		9FEB98
1211001930	EPA/CDH REVIEW DRAFT CAD/RDD	21	10FEB98	10MAR98
1211001940	NRDA TRUSTEES REVIEW DRAFT CAD/RDD	21	10FEB98	10MAR98
1211001950	INCORPORATE COMMENTS & FINALIZE DRAFT CAD/RDD	15	11MAR98	1APR98
1211001960	DOCUMENT PROCESSING & TRANSMITTAL	5	24PR98	8APR98
1211001970	DOE RFO REVIEW FINAL CAD/RDD	10	9APR98	22APR98

RECORD OF DECISION

REMEDIAL ACTION PLAN

DATE

REVISION

CHECKED

APPROVED

EG&G ROCKY FLATS, INC

003 - OFFSITE APEAS, ADS 1011

RISK ASSESSMENT RI THRU RDD

Activity ID	Activity Description	REM DUR	EARLY START	EARLY FINISH
1211011980	DOE HQ/NEPA REVIEW FINAL CAD/ROD	10	9APR98	22APR98
1211011981	INCORPORATE COMMENTS & FINALIZE FINAL CAD/ROD	5	23APR98	29APR98
1211012000	DOCUMENT PROCESSING & TRANSMITTAL	5	30APR98	6MAY98
1211012010	SUBMIT FINAL CAD/ROD	0		6MAY98
1211012020	EPA/COH REVIEW & APPROVE FINAL CAD/ROD	21	7MAY98	5JUN98
1211012030	NRDA TRUSTEES REVIEW & APPROVE FINAL CAD/ROD	21	7MAY98	5JUN98
1211012040	RELEASE RESPONSIVENESS SUMMARY TO PUBLIC	10	8JUN98	19JUN98

EG&G ROCKY FLATS, INC

OU3 - OFFSITE AREAS, ADS 1011

RISK ASSESSMENT RI THRU ROD

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1211011981 10/14/98

1211012000 1/14/99

1211012010 1/14/99

1211012020 1/14/99

1211012030 1/14/99

1211012040 1/14/99

1211011980 4/14/98

1211011981 10/14/98

1211012000 1/14/99

1211012010 1/14/99

1211012020 1/14/99

1211012030 1/14/99

1211012040 1/14/99

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ACTIVITY ID	ACTIVITY DESCRIPTION	RLM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98
REMEDIAL INVESTIGATION									
1220700036	IMPLEMENT FSP (TMI5)	61	3AUG94	27OCT94	■				
1220700037	MOBILIZE TO THE FIELD	5	3AUG94	9AUG94	■				
1220700038	DATA REVIEW (SOP TRAINING)	5	3AUG94	9AUG94	■				
1220700039	REVIEW REVISED HASP	10	3AUG94	16AUG94	■				
1220700040	DEVELOP INCP OR SOP 5 (FY94)	14	3AUG94	22AUG94	■				
1220700041	DEVELOP INCP OR SOP 5 (FY95)	6	23AUG94	30AUG94	■				
1220700042	GEOPHYSICAL SURVEYS	40	31AUG94	26OCT94	■				
1220700043	FIELD SAMPLING	40	23AUG94	18OCT94	■				
1220700044	BORINGS	20	23AUG94	20SEP94	■				
1220700045	SURFACE SOIL SAMPLING	25	23AUG94	27SEP94	■				
1220700046	GROUNDWATER SAMPLING	20	21SEP94	18OCT94	■				
1220700047	SAMPLE MANAGEMENT	47	23AUG94	27OCT94	■				
1220700048	BORINGS PACKAGING SHIPPING	47	23AUG94	27OCT94	■				
1220700049	SURFACE SOIL SAMPLING PACKAGING SHIPPING	30	23AUG94	4OCT94	■				
1220700050	GW SAMPLING AND SHIPPING	25	21SEP94	25OCT94	■				
1220700051	ANALYTICAL	180	26OCT94	19JUL95	■	■			
1220700052	UNVALIDATED DATA	90	26OCT94	10MAR95	■	■			
1220700053	RADS	90	26OCT94	10MAR95	■	■			
1220700054	NON RADS	45	26OCT94	6JAN95	■	■			
1220700055	VALIDATED DATA	135	9JAN95	19JUL95	■	■			
1220700056	RADS	90	13MAR95	19JUL95	■	■			
1220700057	NON RADS	45	9JAN95	10MAR95	■	■			
1220700058	EVALUATE DATA	30	13MAR95	24APR95	■	■			
1220700059	RESCIND HUMAN HEALTH STOP WORK ORDER	0	2MAY94	29APR94	■				
1220700060	HUMAN HEALTH RISK DEVELOPMENT	160	14MAR94A	5DEC94	■				
1220700061	DATA CLEAN UP	7	11APR94A	29APR94	■				
1220700062	BACKGROUND COMPARISON	20	2MAY94	27MAY94	■				
1220700063	CON TOX SCREENS	5	31MAY94	6JUN94	■				
1220700064	IDENTIFICATION OF POTENTIAL COCS/NATURE AND EXTE	10	7JUN94	20JUN94	■				
1220 00065	PREPARE DATA AGGREGATION PAPER	71	7JUN94	15SEP94	■				
1220700066	APPLY DATA AGGREGATION METHODOLOGY	30	7JUN94	19JUL94	■				
1220700067	FORMULATE POSITION ON DATA AGGREGATION	15	20JUL94	9AUG94	■				
1220700068	PREPARE DATA AGGREGATION PAPER	5	10AUG94	16AUG94	■				

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	REMEDIAL INVESTIGATION				
					FY94	FY95	FY96	FY97	FY98
1220700069	WORKING MEETING W/ CDH/EPA	1	17AUG94	17AUG94					
1220700070	INCORPORATE COMMENTS FROM WORKING MEETING	10	18AUG94	31AUG94					
1220700071	FINAL EPA/CDH REVIEW OF POSITION PAPER	10	15SEP94	15SEP94					
1220700072	COC TECH MEMORANDUM	71	7JUN94	15SEP94	■				
1220700073	PREPARE DRAFT COC TM	25	7JUN94	12JUL94	■				
1220700074	SUBMIT DRAFT COC TM TO EG&G/DOE	0	13JUL94	12JUL94	◇				
1220700075	EG&G/DOE REVIEW DRAFT COC TM	10	13JUL94	26JUL94					
1220700076	PREPARE DRAFT FINAL TM	10	27JUL94	9AUG94					
1220700077	AGENCY MEETING DRAFT FINAL COC TM	1	10AUG94	10AUG94					
1220700078	SUBMIT DRAFT FINAL COC TM TO EPA/CDH	0	11AUG94	10AUG94	◇				
1220700079	EPA/CDH REVIEW DRAFT FINAL COC TM	15	11AUG94	31AUG94					
1220700080	PREPARE FINAL COC TM	10	1SEP94	15SEP94					
1220700081	SUBMIT FINAL COC TM	0	16SEP94	15SEP94	◇				
1220700082	EXPLORE ASSESSMENT TM (EATM)	65	1SEP94	5DEC94	■				
1220700083	PREPARE DRAFT EATM	20	1SEP94	29SEP94	◇				
1220700084	SUBMIT DRAFT EATM TO EG&G/DOE	0	30SEP94	29SEP94	◇				
1220700085	EG&G/DOE REVIEW DRAFT EATM	10	30SEP94	13OCT94					
1220700086	PREPARE DRAFT FINAL EATM	10	14OCT94	27OCT94					
1220700087	SUBMIT DRAFT FINAL EATM TO EPA/CDH	0	28OCT94	27OCT94	◇				
1220700088	EPA/CDH REVIEW DRAFT FINAL EATM	15	28OCT94	17NOV94					
1220700089	PREPARE FINAL EATM	10	18NOV94	5DEC94					
1220700090	SUBMIT FINAL EATM	0	6DEC94	5DEC94	◇				
1220700091	TOXICITY TM	55	7JUN94	23AUG94	■				
1220700092	PREPARE DRAFT TOXICITY TM	10	7JUN94	20JUN94					
1220700093	SUBMIT DRAFT TOXICITY TM TO EG&G/DOE	0	21JUN94	20JUN94	◇				
1220700094	EG&G/DOE REVIEW DRAFT TOXICITY TM	10	21JUN94	5JUL94					
1220700095	PREPARE DRAFT FINAL TOXICITY TM	10	6JUL94	19JUL94					
1220700096	SUBMIT DRAFT FINAL TOXICITY TM TO EPA/CDH	0	20JUL94	19JUL94	◇				
1220700097	EPA/CDH REVIEW DRAFT FINAL TOXICITY TM	15	20JUL94	9AUG94					
1220700098	PREPARE FINAL TOXICITY TM	10	10AUG94	23AUG94					
1220700099	SUBMIT FINAL TOXICITY TM	0	24AUG94	23AUG94	◇				
1220700100	MODELING TM	35	21JUN94	9AUG94	■				
1220700101	REVISE DRAFT FINAL MODELING TM	10	21JUN94	5JUL94					

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	REMEDIAL INVESTIGATION				
					FY94	FY95	FY96	FY97	FY98
120700102	SUBMIT DRAFT FINAL MODELING TM TO EPA/CDH	0	6JUL94	5JUL94					
120700103	EPA/CDH REVIEW DRAFT FINAL MODELING TM	15	6JUL94	26JUL94					
120700104	PREPARE FINAL MODELING TM	10	27JUL94	9AUG94					
120700105	SUBMIT FINAL MODELING TM	0	10AUG94	9AUG94					
120700106	MODELING	135	14MAR94A	27OCT94					
120700107	ENVIRONMENTAL EVALUATION	132	8FEB94A	20OCT94					
120700108	DATA EVALUATION	39	8FEB94A	9JUN94					
120700109	CDC SELECTION	5	15SEP94	8SEP94					
120700110	EE/HRA INTERGRATION	15	9SEP94	29SEP94					
120700111	REPORT PREPARATION	15	30SEP94	20OCT94					
120700112	RFI/RI REPORT	385	19MAY94	1DEC95					
120700113	PREPARE DRAFT RFI/RI REPORT	203	19MAY94	14MAR95					
120700114	CHAPTER 1, INTRODUCTION	10	1FEB95	14FEB95					
120700115	CHAPTER 2, FIELD OPERATIONS AND INVESTIGATION SU	60	19MAY94	12AUG94					
120700116	CHAPTER 3, PHYSICAL CHARACTERISTICS	30	19MAY94	30JUN94					
120700117	CHAPTER 4, NATURE AND EXTENT SECTION	30	21JUN94	2AUG94					
120700118	CHAPTER 5, CONTAMINANT FATE AND TRANSPORT	30	28OCT94	12DEC94					
120700119	CHAPTER 6, INCORPORATION OF HRA INTO RFI REPORT	60	28OCT94	31JAN95					
120700120	CHAPTER 7, INCORPORATION OF EE INTO RFI REPORT	15	30SEP94	20OCT94					
120700121	CHAPTER 8, PRELIMINARY EVALUATION OF REMEDIAL AL	30	13DEC94	31JAN95					
120700122	CHAPTER 9, PRELIMINARY IDENTIFICATION OF DATA GA	15	11JAN95	31JAN95					
120700123	CHAPTER 10, SUMMARY AND CONCLUSIONS	30	1FEB95	14MAR95					
120700124	DELIVER DRAFT 1ST DRAFT RFI/RI REPORT TO EG&G/DO	0	15MAR95	14MAR95					
120700125	EG&G/DOE REVIEW AND COMMENTS ON DRAFT 1ST DRAFT	20	15MAR95	11APR95					
120700126	PREPARE FINAL 1ST DRAFT RFI/RI REPORT	30	12APR95	24MAY95					
120700127	DELIVER FINAL 1ST DRAFT RFI/RI REPORT TO EPA/CD	0	25MAY95	24MAY95					
120700128	EPA/CDH REVIEW AND COMMENT PERIOD ON 1ST DRAFT R	62	25MAY95	22AUG95					
120700129	INTERGRATE RESULTS OF TM15, ADDENDUM TO FSP	30	23AUG95	4OCT95					
120700130	PREPARE DRAFT FINAL RFI/RI REPORT	30	23AUG95	4OCT95					
120700131	DELIVER DRAFT FINAL RFI/RI REPORT TO EG&G/DOE	0	5OCT95	4OCT95					
120700132	EG&G/DOE REVIEW AND COMMENTS ON DRAFT FINAL RFI	20	5OCT95	1NOV95					
120700133	INCORPORATE EG&G/DOE COMMENTS INTO FINAL RFI/RI	20	2NOV95	1DEC95					
120700134	DELIVER FINAL RFI/RI REPORT TO EPA/CDH (PHASE I	0	4DEC95	1DEC95					

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	REMEDIAL INVESTIGATION				
					FY94	FY95	FY96	FY97	FY98
1220700135	ADDENDUM TO FINAL RFI/RI REPORT SCHEDULE	140	4DEC95	26JUN96					
1220700136	EPA/CDH REVIEW AND COMMENT PERIOD ON FINAL RFI/RI	60	4DEC95	4MAR96					
1220700137	PREPARE ADDENDUM TO DRAFT FINAL RFI/RI REPORT	30	5MAR96	16APR96					
1220700138	DELIVER ADDENDUM FINAL RFI/RI REPORT TO EG&G/DOE	0	17APR96	16APR96					
1220700139	EG&G/DOE REVIEW AND COMMENTS ON ADDENDUM FINAL	20	17APR96	14MAY96					
1220700140	INCORPORATE EG&G/DOE COMMENTS INTO ADDENDUM DRAF	30	15MAY96	26JUN96					
1220700141	DELIVER ADDENDUM FINAL RFI/RI REPORT TO EPA/CD	0	27JUN96	26JUN96					
12208C1000	FEASIBILITY STUDY START	0	16SEP94						
12208C1085	DELIVER EDS REPORT TASK 1	1	16SEP94	16SEP94					
12208C1100	REVIEW AND ASSESS POTENTIAL ARAR	20	16SEP94	130CT94					
12208C1110	EG&G/DOE MEETING TO DISCUSS POTENTIAL ARARS	1	140CT94	140CT94					
12208C1120	PREPARE TASK 2 REPORT	5	170CT94	210CT94					
12208C1125	TASK 2 REPORT COMPLETE	0	240CT94	210CT94					
12208C1140	DEVELOP PAOS	5	16SEP94	22SEP94					
12208C1150	DEVELOP CRA	5	23SEP94	29SEP94					
12208C1160	DEVELOP FRG	15	30SEP94	200CT94					
12208C1170	MEETING WITH EPA/CDH	1	210CT94	210CT94					
12208C1180	SITELIDE TREATABILITY STUDIES DATA	1	16SEP94	16SEP94					
12208C1180	DEVELOP COMP LIST OF TECH, TASK 3	15	19SEP94	70CT94					
12208C1210	DEVELOP DRAFT FS TH #1	25	240CT94	29NOV94					
12208C1220	EG&G REVIEW AND COMMENT FS TH #1	5	30NOV94	6DEC94					
12208C1225	INCORPORATE COMMENTS FS TH #1	5	70EC94	130EC94					
12208C1227	SUBMIT DRAFT FS TH #1 TO DOE	0		130EC94					
12208C1230	CONDUCT INITIAL SCREENING OF TECH	15	100CT94	280CT94					
12208C1240	DEVELOP TASK 6 REPORT	20	310CT94	29NOV94					
12208C1245	SUBMIT INTERNAL SCREENING REPORT	0		29NOV94					
12209C1260	DEVELOP ALTERNATIVE LIST (TASK 7)	20	30NOV94	4JAN95					
12209C1270	DELIVER TASK 7 REPORT	1	5JAN95	5JAN95					
12209C1270	SUBMIT ALTERNATIVE LIST	0	6JAN95	5JAN95					
12209C1270	MEETING WITH EPA/CDH	1	6JAN95	6JAN95					
12209C1290	EG&G AND DOE REVIEW & COMMENT DRAFT FS TH #1	20	14DEC94	18JAN95					
12209C1300	INCORPORATE COMMENTS AND PRODUCE FINAL FS TH #1	10	19JAN95	1FEB95					

ACTIVITY ID	ACTIVITY DESCRIPTION	RCM DUR	EARLY START	EARLY FINISH	TREATABILITY/FEASIBILITY STUDY				
					FY94	FY95	FY96	FY97	FY98
12208C1302	SUBMIT DRAFT FS TH#1 TO EPA/CDH	0		1FEB95	◇				
12208C1305	EPA/CDH REVIEW OF FS TH#1	10	2FEB95	15FEB95	◇				
12208C1310	MEETING WITH EPA/CDH	1	16FEB95	16FEB95	◇				
12208C1320	COMMENT RESOLUTION ON FS TH#1	8	17FEB95	28FEB95	◇				
12208C1325	SUBMIT FINAL FS TH#1 TO DOE, EPA/CDH	0		28FEB95	◇				
12208C1330	DOE, EPA/CDH APPROVE FINAL FS TH#1	10	1MAR95	14MAR95	◇				
12208C1360	DEVELOP TASK 8 REPORT	10	6MAR95	17MAR95	◇				
12208C1365	SUBMIT ALTERNATIVES REPORT	0		17MAR95	◇				
12208C1380	SCREEN ALTERNATIVES TASK 8	40	9JAN95	3MAR95	◇				
12208C1390	DEVELOP FS TH#2 TASK 9	25	20MAR95	24APR95	◇				
12208C1400	DELIVER TASK 9 DRAFT FS TH#2	1	25APR95	25APR95	◇				
12208C1403	EO&G REVIEW FS TH#2	8	26APR95	5MAY95	◇				
12208C1406	INCORPORATE COMMENTS FS TH#2	5	8MAY95	12MAY95	◇				
12208C1108	SUBMIT DRAFT FS TH#1 TO DOE	0		12MAY95	◇				
12208C1410	DOE REV AND COMMENT ON PRELIMINARY DRAFT FS TH#2	20	15MAY95	12JUN95	◇				
12208C1420	INCORPORATE DOE COMMENTS	5	13JUN95	19JUN95	◇				
12208C1440	FINAL DOE REVIEW ON DRAFT FS TH#2	5	20JUN95	26JUN95	◇				
12208C1460	DELIVER FS TH#2 TO EGG/DOE, EPA/CDH	1	27JUN95	27JUN95	◇				
12208C1462	EPA/CDH REVIEW OF FS TH#2	15	28JUN95	19JUL95	◇				
12208C1464	CONDITIONAL APPROVALS MEETING WITH EPA/CDH	1	20JUL95	20JUL95	◇				
12208C1466	COMMENT RESOLUTION	5	21JUL95	27JUL95	◇				
12208C1468	SUBMIT FINAL FS TH#2 TO DOE, EPA/CDH	0		27JUL95	◇				
12208C1472	END PHASE 1 FS	0		27JUL95	◇				
12208C2160	SUMMARIZE FS TH#1, FS TH#2 & TREATABILITY STUDY	5	4DEC95	8DEC95					
12208C2170	SUBMIT DRAFT CMS/FS EA REPORT TO EPA/CDH	0		26JUL96					
12208C2180	EPA/CDH, NEPA REVIEW OF DRAFT CMS/FS EA REPORT	62	29JUL96	23OCT96					
12208C2190	PREPARE FINAL CMS/FS EA REPORT	19	24OCT96	19NOV96					
12208C2195	SUBMIT FINAL CMS/FS EA TO DOE	0		19NOV96					
12208C2200	DOE REVIEW FINAL CMS/FS EA REPORT	18	20NOV96	17DEC96					
12208C2210	SUBMIT FINAL CMS/FS EA	0		17DEC96					
12208C221	DOE TRANSMITTAL OF FINAL CMS/FS EA REPORT	0	18DEC96	17DEC96					
12208C2230	OBTAIN CMS/FS EA REPORT APPROVALS	10	18DEC96	8JAN97					
12208C 240	ADDRESS FINAL COMMENTS CMS/FS-EA REPORT	21	9JAN97	6FEB97					

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	TREATABILITY/FEASIBILITY STUDY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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12208C2250	RE SUBMIT FINAL CMS/FS EA REPORT TO DOE	0		6FEB97																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	REMEDIAL ACTION PLAN				
					FY94	FY95	FY96	FY97	FY98
1210C1620	DOCUMENT PROCESSING & TRANSMITTAL	5	150C196	210C196					
1210C1625	2nd DOE REVIEW DRAFT PROPOSED PLAN	5	220C196	280C196					
1210C1627	INCORPORATE COMMENTS	5	290C196	4N0V96					
12210C1630	SUBMIT DRAFT PROPOSED PLAN	0		170EC96					
1210C1740	EPA/CDII REVIEW DRAFT PROPOSED PLAN	21	180EC96	23JAN97					
1210C1740	NRDA TRUSTEES REVIEW DRAFT PROPOSED PLAN	21	180EC96	23JAN97					
1210C1660	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	15	24JAN97	13FEB97					
12210C1670	DOCUMENT PROCESSING & TRANSMITTAL	5	14FEB97	20FEB97					
1210C1680	DOE HQ REVIEW FINAL PROPOSED PLAN EA	10	21FEB97	6MAR97					
1210C1690	DOE RFO REVIEW FINAL PROPOSED PLAN EA	10	21FEB97	6MAR97					
1210C1700	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN EA	5	7MAR97	13MAR97					
1210C1710	DOCUMENT PROCESSING & TRANSMITTAL	5	14MAR97	20MAR97					
1210C1720	SUBMIT FINAL PROPOSED PLAN	0		20MAR97					
1210C1730	EPA/CDII REVIEW FINAL PROPOSED PLAN EA	10	21MAR97	4APR97					
1210C1740	NRDA TRUSTEES REVIEW FINAL PROPOSED PLAN EA	10	21MAR97	4APR97					
1210C1750	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	10	7APR97	18APR97					
12210C1755	PLACE ADD	5	21APR97	25APR97					
12210C1760	DOCUMENT PROCESSING & TRANSMITTAL	5	21APR97	25APR97					
12210C1770	PUBLIC COMMENT PERIOD PROPOSED PLAN EA	41	28APR97	24JUN97					
12210C1775	PUBLIC HEARING	1	26MAY97	26MAY97					
12210C1780	INCORPORATE COMMENTS PROPOSED PLAN EA	15	25JUN97	16JUL97					
12210C1781	DOCUMENT PROCESSING & TRANSMITTAL	5	17JUL97	23JUL97					
12210C1783	DOE HQ REVIEW FINAL PROPOSED PLAN EA	10	24JUL97	6AUG97					
12210C1785	DOE RFO REVIEW FINAL PROPOSED PLAN EA	10	24JUL97	6AUG97					
12210C1787	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN EA	5	7AUG97	13AUG97					
12210C1789	DOCUMENT PROCESSING & TRANSMITTAL	5	14AUG97	20AUG97					
12210C1790	SUBMIT DRAFT RESPONSIVENESS SUMMARY	0		20AUG97					
12210C1800	DOE/EPA/CDII REVIEW DRAFT RESPONSIVENESS SUMMARY	21	21AUG97	19SEP97					
12210C1810	RESOLVE ISSUES & FINALIZE RESPONSIVENESS SUMMARY	20	22SEP97	170C197					
12210C1813	DOE REVIEW RESPONSIVENESS SUMMARY	10	200C197	310C197					
12210C1816	INCORPORATE COMMENTS	10	3NOV97	14NOV97					
12210C1820	SUBMIT FINAL RESPONSIVENESS SUMMARY	0		21NOV97					

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	RECORD OF DECISION				
					FY94	FY95	FY96	FY97	FY98
12215C1060	PREPARE PRELIMINARY DRAFT CAD/ROD	20	14AUG97	11SEP97					
12215C1070	DOCUMENT PROCESSING & TRANSMITTAL	5	12SEP97	18SEP97					
12215C1080	DOE RFO REVIEW DRAFT CAD/ROD	10	19SEP97	20CT97					
12215C1090	DOE HQ/NEPA REVIEW DRAFT CAD/ROD	10	19SEP97	20CT97					
12215C1100	INCORPORATE COMMENTS & FINALIZE DRAFT CAD/ROD	7	30CT97	130CT97					
12215C1110	DOCUMENT PROCESSING & TRANSMITTAL	5	17NOV97	21NOV97					
12215C1120	SUBMIT DRAFT CAD/ROD	0		21NOV97					
12215C1130	EPA/CDH REVIEW DRAFT CAD/ROD	21	24NOV97	24DEC97					
12215C1140	NRDA TRUSTEES REVIEW DRAFT CAD/ROD	21	24NOV97	24DEC97					
12215C1150	INCORPORATE COMMENTS & FINALIZE CAD/ROD	15	2JAN98	22JAN98					
12215C1160	DOCUMENT PROCESSING & TRANSMITTAL	5	23JAN98	24JAN98					
12215C1170	DOE RFO REVIEW FINAL CAD/ROD	10	30JAN98	12FEB98					
12215C1180	DOE HQ/NEPA REVIEW FINAL CAD/ROD	10	30JAN98	12FEB98					
12215C1190	INCORPORATE COMMENTS & FINALIZE CAD/ROD	5	13FEB98	19FEB98					
12215C1200	DOCUMENT PROCESSING & TRANSMITTAL	5	20FEB98	26FEB98					
12215C1210	SUBMIT FINAL CAD/ROD	0		26FEB98					
12215C1220	EPA/CDH REVIEW & APPROVE FINAL CAD/ROD	21	27FEB98	30MAR98					
12215C1230	NRDA TRUSTEES REVIEW & APPROVE FINAL CAD/ROD	21	27FEB98	30MAR98					
12215C1240	RELEASE RESPONSIVENESS SUMMARY TO PUBLIC	10	31MAR98	13APR98					

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ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98
REMEDIAL INVESTIGATION									
1225500007	Sample Analysis Unvalidated Results Back	0	10CT93A	14JAN94A					
1225500008	Rad	0	10CT93A	14JAN94A					
1225500009	Non Rad	0	10CT93A	23DEC93A					
1225500010	Sample Analysis Validated Results Back	0	3JAN94A	25FEB94A					
1225 00011	Rad	0	17JAN94A	25FEB94A					
122 500012	Non Rad	0	3JAN94A	14JAN94A					
122 00013	Environmental Evaluation	137	24JAN94A	310CT94					
1225500014	PCB Project	137	24JAN94A	310CT94					
1225500015	Write Addendum to Environmental Evaluation Sampl	0	24JAN94A	11FEB94A					
1225500016	EG&G/DDE Review and Comment on Addendum	0	14FEB94A	25FEB94A					
1225500017	Incorporate EG&G/DDE Comments into Addendum	0	28FEB94A	4MAR94A					
1225500018	Modification of EE Contract	0	28FEB94A	18APR94A					
1225500019	Write SOW/Cost Estimate/SSJ	0	28FEB94A	11MAR94A					
1225500020	Contractor Proposal	0	14MAR94A	25MAR94A					
1225500021	Technical Evaluation	0	28MAR94A	18APR94A					
1225500022	Award Contract Modification	0	18APR94A	18APR94A					
1225500023	Modify Standard Operating Procedures	0	7MAR94A	4APR94A					
1225500024	Modify and Internal review of HASP	0	7MAR94A	25MAR94A					
1225500025	Conduct Field Sampling	20	19APR94	16MAY94					
1225500026	Sample Management	17	19APR94	11MAY94					
1225500027	Sample Analysis Unvalidated Results Back	60	12MAY94	5AUG94					
1225500028	PCB s/TOC	30	12MAY94	23JUN94					
1225500029	Rad	60	12MAY94	5AUG94					
1225500030	Sample Analysis Validated Results Back	90	24JUN94	310CT94					
1225500031	PCB s/TOC	30	24JUN94	5AUG94					
1225500032	RAD	60	8AUG94	310CT94					
1225 00033	DATA EVALUATION	90	19APR94	24AUG94					
1225500034	CDC SELECTION	5	25AUG94	31AUG94					
1225500035	EE\HRA INTERGRATION	15	1SEP94	22SEP94					

1225500035 EE\HRA INTERGRATION 15 1SEP94 22SEP94		1225500034 CDC SELECTION 5 25AUG94 31AUG94		1225 00033 DATA EVALUATION 90 19APR94 24AUG94		1225500032 RAD 60 8AUG94 310CT94		1225500031 PCB s/TOC 30 24JUN94 5AUG94		1225500030 Sample Analysis Validated Results Back 90 24JUN94 310CT94		1225500029 Rad 60 12MAY94 5AUG94		1225500028 PCB s/TOC 30 12MAY94 23JUN94		1225500027 Sample Analysis Unvalidated Results Back 60 12MAY94 5AUG94		1225500026 Sample Management 17 19APR94 11MAY94		1225500025 Conduct Field Sampling 20 19APR94 16MAY94		1225500024 Modify and Internal review of HASP 0 7MAR94A 25MAR94A		1225500023 Modify Standard Operating Procedures 0 7MAR94A 4APR94A		1225500022 Award Contract Modification 0 18APR94A 18APR94A		1225500021 Technical Evaluation 0 28MAR94A 18APR94A		1225500020 Contractor Proposal 0 14MAR94A 25MAR94A		1225500019 Write SOW/Cost Estimate/SSJ 0 28FEB94A 11MAR94A		1225500018 Modification of EE Contract 0 28FEB94A 18APR94A		1225500017 Incorporate EG&G/DDE Comments into Addendum 0 28FEB94A 4MAR94A		1225500016 EG&G/DDE Review and Comment on Addendum 0 14FEB94A 25FEB94A		1225500015 Write Addendum to Environmental Evaluation Sampl 0 24JAN94A 11FEB94A		1225500014 PCB Project 137 24JAN94A 310CT94		122 00013 Environmental Evaluation 137 24JAN94A 310CT94		122 500012 Non Rad 0 3JAN94A 14JAN94A		1225 00011 Rad 0 17JAN94A 25FEB94A		1225500010 Sample Analysis Validated Results Back 0 3JAN94A 25FEB94A		1225500009 Non Rad 0 10CT93A 23DEC93A		1225500008 Rad 0 10CT93A 14JAN94A		1225500007 Sample Analysis Unvalidated Results Back 0 10CT93A 14JAN94A	
1225500007 Sample Analysis Unvalidated Results Back 0 10CT93A 14JAN94A		1225500008 Rad 0 10CT93A 14JAN94A		1225500009 Non Rad 0 10CT93A 23DEC93A		1225500010 Sample Analysis Validated Results Back 0 3JAN94A 25FEB94A		1225 00011 Rad 0 17JAN94A 25FEB94A		122 500012 Non Rad 0 3JAN94A 14JAN94A		122 00013 Environmental Evaluation 137 24JAN94A 310CT94		1225500014 PCB Project 137 24JAN94A 310CT94		1225500015 Write Addendum to Environmental Evaluation Sampl 0 24JAN94A 11FEB94A		1225500016 EG&G/DDE Review and Comment on Addendum 0 14FEB94A 25FEB94A		1225500017 Incorporate EG&G/DDE Comments into Addendum 0 28FEB94A 4MAR94A		1225500018 Modification of EE Contract 0 28FEB94A 18APR94A		1225500019 Write SOW/Cost Estimate/SSJ 0 28FEB94A 11MAR94A		1225500020 Contractor Proposal 0 14MAR94A 25MAR94A		1225500021 Technical Evaluation 0 28MAR94A 18APR94A		1225500022 Award Contract Modification 0 18APR94A 18APR94A		1225500023 Modify Standard Operating Procedures 0 7MAR94A 4APR94A		1225500024 Modify and Internal review of HASP 0 7MAR94A 25MAR94A		1225500025 Conduct Field Sampling 20 19APR94 16MAY94		1225500026 Sample Management 17 19APR94 11MAY94		1225500027 Sample Analysis Unvalidated Results Back 60 12MAY94 5AUG94		1225500028 PCB s/TOC 30 12MAY94 23JUN94		1225500029 Rad 60 12MAY94 5AUG94		1225500030 Sample Analysis Validated Results Back 90 24JUN94 310CT94		1225500031 PCB s/TOC 30 24JUN94 5AUG94		1225500032 RAD 60 8AUG94 310CT94		1225 00033 DATA EVALUATION 90 19APR94 24AUG94		1225500034 CDC SELECTION 5 25AUG94 31AUG94		1225500035 EE\HRA INTERGRATION 15 1SEP94 22SEP94	

EG&G ROCKY FLATS, INC
 ADS 1014/OU 06
 WALNUT CREEK

1111 Bar/Car 9 tes
 1111 Bar/Car 9 tes
 1111 Bar/Car 9 tes

1225500035
 EE\HRA INTERGRATION
 15 1SEP94 22SEP94

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	REMEDIAL INVESTIGATION			
					FY94	FY95	FY96	FY97
122 00036	REPORT PREPARATION	15	23SEP94	130CT94				
122 00037	RECIND HUMAN HEALTH STOP WORK ORDER LIFTED	0	3MAY94	2MAY94				
122 500038	HUMAN HEALTH RISK DEVELOPMENT	148	1MAR94A	15NOV94				
122 500039	DATA CLEAN UP	0	28MAR94A	18APR94A				
1 00040	BACKGROUND COMPARISON	17	19APR94A	11MAY94				
122 00041	CON TOX SCREENS	5	12MAY94	18MAY94				
122 00042	IDENTIFICATION OF POTENTIAL COCS/N & E	10	19MAY94	2JUN94				
122 00043	Prepare Data Aggregation Position Paper	71	19MAY94	29AUG94				
1225 00044	APPLY DATA AGGREGATION METHODOLOGY	30	19MAY94	30JUN94				
1225 00045	FORMULATE POSITION (CONCURRENT W/ EG&G/DOE)	15	1JUL94	22JUL94				
1225 00046	PREPARE DATA AGGREGATION POSITION PAPER	5	25JUL94	29JUL94				
1225500047	WORKING MEETING W/ CDH/EPA	1	1AUG94	1AUG94				
1225 00048	INCORPORATE COMMENTS FROM WORKING MEETING	10	2AUG94	15AUG94				
1225 00049	EPA/CDH REVIEW POSITION PAPER	10	16AUG94	29AUG94				
1225500050	COC TECH MEMORANDUM	71	19MAY94	29AUG94				
1225 00051	PREPARE DRAFT COC TM	25	19MAY94	23JUN94				
1225500052	SUBMIT DRAFT COC TM TO EG&G/DOE	0	24JUN94	23JUN94				
1225500053	EG&G/DOE REVIEW DRAFT COC TM	10	24JUN94	8JUL94				
1225500054	PREPARE DRAFT FINAL TM	10	11JUL94	22JUL94				
1225 00055	AGENCY MEETING DRAFT FINAL COC TM	1	25JUL94	25JUL94				
1225500056	SUBMIT DRAFT FINAL COC TM TO EPA/CDH	0	26JUL94	25JUL94				
1225500057	EPA/CDH REVIEW DRAFT FINAL COC TM	15	26JUL94	15AUG94				
1225500058	PREPARE FINAL COC TM	10	16AUG94	29AUG94				
1225500059	SUBMIT FINAL COC TM	0	30AUG94	29AUG94				
1225500060	EXPOSURE ASSESSMENT TM (EATM)	65	16AUG94	15NOV94				
1225500061	PREPARE DRAFT EATM	20	16AUG94	13SEP94				
1225500062	SUBMIT DRAFT EATM TO EG&G/DOE	0	14SEP94	13SEP94				
1225500063	EG&G/DOE REVIEW DRAFT EATM	10	14SEP94	27SEP94				
1225500064	PREPARE DRAFT FINAL EATM	10	28SEP94	11OCT94				
1225500065	SUBMIT DRAFT FINAL EATM TO EPA/CDH	0	12OCT94	11OCT94				
1225500066	EPA/CDH REVIEW DRAFT FINAL EATM	15	12OCT94	1NOV94				
1225500067	PREPARE FINAL EATM	10	2NOV94	15NOV94				
1225500068	SUBMIT FINAL EATM	0	16NOV94	15NOV94				

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	REMEDIAL INVESTIGATION				
					FY94	FY95	FY96	FY97	FY98
1225500069	TOXICITY IM	55	19MAY94	5AUG94	■				
1225500070	PREPARE DRAFT TOXICITY IM	10	19MAY94	2JUN94	■				
1225500071	SUBMIT DRAFT TOXICITY IM TO EG&G/DOE	0	3JUN94	2JUN94	◇				
1225500072	EG&G/DOE REVIEW DRAFT TOXICITY IM	10	3JUN94	16JUN94	■				
1225500073	PREPARE DRAFT FINAL TOXICITY IM	10	17JUN94	30JUN94	◇				
1225500074	SUBMIT DRAFT FINAL TOXICITY IM TO EPA/CDH	0	1JUL94	30JUN94	■				
1225500075	EPA/CDH REVIEW DRAFT FINAL TOXICITY IM	15	1JUL94	22JUL94	■				
1225500076	PREPARE FINAL TOXICITY IM	10	25JUL94	5AUG94	◇				
1225500077	SUBMIT FINAL TOXICITY IM	0	8AUG94	5AUG94	■				
1225500078	MODELING IM	35	3JUN94	22JUL94	■				
1225500079	REVISE DRAFT FINAL MODELING IM	10	3JUN94	16JUN94	■				
1225500080	SUBMIT DRAFT FINAL MODELING IM TO EPA/CDH	0	17JUN94	16JUN94	◇				
1225500081	EPA/CDH REVIEW DRAFT FINAL MODELING IM	15	17JUN94	8JUL94	■				
1225500082	PREPARE FINAL MODELING IM	10	11JUL94	22JUL94	■				
1225500083	SUBMIT FINAL MODELING IM	0	25JUL94	22JUL94	◇				
1225500084	MODELING	126	1MAR94A	14OCT94	■				
1225500085	RFI/RI Report	398	17JAN94A	16NOV95	■				
1225500086	Prepare Draft Phase 1 RFI/RI Report	216	17JAN94A	1MAR95	■				
1225500087	Chapter 1 Introduction	10	19JAN95	1FEB95	■				
1225500088	Chapter 2 Field Operations and Investigation Sum	0	17JAN94A	25FEB94A	■				
1225500089	Chapter 3 Physical Characteristics	22	28FEB94A	18MAY94	■				
1225500090	Chapter 4 Nature and Extent of Contamination	30	3JUN94	15JUL94	■				
1225500091	Chapter 5 Contaminant Fate and Transport	30	17OCT94	29NOV94	■				
1225500092	Chapter 6 Incorporation HHRA into RFI/RI Report	60	17OCT94	18JAN95	■				
1225500093	Chapter 7 Incorporate EE into RFI/RI Report	10	23SEP94	6OCT94	■				
1225500094	Chapter 9 Preliminary Identification of Data Gap	20	14DEC94	18JAN95	■				
1225500095	Chapter 10 Summary and Conclusions	30	19JAN95	1MAR95	■				
1225500096	Deliver Draft RFI/RI Report to EG&G/DOE	0	2MAR95	1MAR95	◇				
1225500097	EG&G/DOE Review and Comments on Draft Draft RFI/	20	2MAR95	29MAR95	■				
1225500098	Prepare Final Draft RFI/RI Report	30	30MAR95	11MAY95	■				
1225500099	Deliver Final Draft RFI/RI Report to EPA/CDH	0	12MAY95	11MAY95	◇				
1225500100	EPA/CDH Review and Comment Period	62	12MAY95	9AUG95	■				
1225500101	Incorporate EPA/CDH Comments into Draft Final	30	10AUG95	21SEP95	■				

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	REMEDIAL INVESTIGATION				
					FY94	FY95	FY96	FY97	FY98
122 00102	Prepare Draft Final RFI/RI Report	30	10AUG95	21SEP95		◻			
122 00103	Deliver Draft Final RFI/RI Report to EG&G/DOE	0	22SEP95	21SEP95		◊			
125 00104	EG&G/DOE Review and Comments on Draft Final RFI/	20	22SEP95	19OCT95		■			
122 00105	Incorporate EG&G/DOE Comments and Prepare Final	20	20OCT95	16NOV95		◻			
122 00106	Deliver Final RFI/RI Report to EPA/CDH	0	17NOV95	16NOV95		◊			
TREATABILITY/FEASIBILITY STUDY					◊				
122 6C1000	FEASIBILITY STUDY START	0	30AUG94						
122 6C1085	DELIVER EDS REPORT TASK 1	1	30AUG94	30AUG94					
122 6C1100	REVIEW AND ASSESS POTENTIAL ARAR	20	30AUG94	27SEP94					
122 6C1110	EG&G/DOE MEETING TO DISCUSS POTENTIAL ARARS	1	28SEP94	28SEP94					
122 6C1120	PREPARE TASK 2 REPORT	5	29SEP94	5OCT94					
122 6C115	TASK 2 REPORT COMPLETE	0	6OCT94	5OCT94					
122 6C1140	DEVELOP RARs	5	30AUG94	6SEP94					
122 6C1150	DEVELOP GRA	5	7SEP94	13SEP94					
122 6C1155	DEVELOP PRGs	15	14SEP94	4OCT94					
122 6C1160	MEETING WITH EPA/CDH	1	5OCT94	5OCT94					
122 6C1170	SITEWIDE TREATABILITY STUDIES DATA	1	30AUG94	30AUG94					
122 6C1180	DEVELOP COMP LIST OF TECH, TASK 3	15	31AUG94	21SEP94					
122 6C1210	DEVELOP DRAFT FS TM #1	25	6OCT94	9NOV94					
122 6C1220	EG&G REVIEW AND COMMENT FS TM #1	5	10NOV94	16NOV94					
122 6C1225	INCORPORATE COMMENTS FS TM #1	5	17NOV94	23NOV94					
122 6C1227	SUBMIT DRAFT FS TM #1 TO DOE	0		23NOV94		◊			
122 6C1230	CONDUCT INITIAL SCREENING OF TECH	15	22SEP94	12OCT94					
122 6C1240	DEVELOP TASK 6 REPORT	20	13OCT94	9NOV94					
122 6C1245	SUBMIT INTERNAL SCREENING REPORT	0		9NOV94		◊			
122 6C1260	DEVELOP ALTERNATIVE LIST (TASK 7)	20	10NOV94	9DEC94					
122 6C1270	DELIVER TASK 7 REPORT	1	12DEC94	12DEC94					
122 6C1272	SUBMIT ALTERNATIVE LIST	0	13DEC94	12DEC94		◊			
122 6C1275	MEETING WITH EPA/CDH	1	13DEC94	13DEC94					
122 6C1280	FINAL REVIEW & COMMENT DRAFT FS TM #1	20	28NOV94	23DEC94					
122 6C1302	IN OFFICIAL COMMENTS AND PRODUCE FINAL FS TM #1	10	3JAN95	16JAN95					
122 6C1302	SUBMIT DRAFT FS TM #1 TO EPA/CDH	0		16JAN95		◊			
122 6C1305	EPA/CDH REVIEW OF FS TM #1	10	17JAN95	30JAN95					

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	TREATABILITY/FEASIBILITY STUDY			
					FY94	FY95	FY96	FY97
12256C1310	MEETING WITH EPA/CDH	1	31JAN95	31JAN95				
12256C1320	COMMENT RESOLUTION ON FS TM#1	8	1FEB95	10FEB95				
12256C1325	SUBMIT FINAL FS TM#1 TO DOE, EPA/CDH	0		10FEB95				
12256C1330	DOE, EPA/CDH APPROVE FINAL FS TM#1	10	13FEB95	24FEB95				
122 6C1370	DEVELOP TASK 8 REPORT	10	16FEB95	1MAR95				
12256C1365	SUBMIT ALTERNATIVES REPORT	0		1MAR95				
12256C1380	SCREEN ALTERNATIVES TASK 8	40	14DEC94	15FEB95				
12256C1390	DEVELOP FS TM#2 TASK 9	25	2MAR95	5APR95				
12256C1400	DELIVER TASK 9 DRAFT FS TM#2	1	6APR95	6APR95				
12256C1403	EG&G REVIEW FS TM#2	8	7APR95	19APR95				
12256C1406	INCORPORATE COMMENTS FS TM#2	5	20APR95	26APR95				
12256C1408	SUBMIT DRAFT FS TM#2 TO DOE	0		26APR95				
12256C1410	DOE REV AND COMMENT ON PRELIMINARY DRAFT FS TM#2	20	27APR95	24MAY95				
12256C1420	INCORPORATE DOE COMMENTS	5	25MAY95	1JUN95				
122J6C1440	FINAL DOE REVIEW ON DRAFT FS TM#2	5	2JUN95	8JUN95				
12256C1460	DELIVER FS TM#2 TO EGG/DOE, EPA/CDH	1	9JUN95	9JUN95				
12256C1462	EPA/CDH REVIEW OF FS TM#2	15	12JUN95	30JUN95				
12256C1464	CONDITIONAL APPROVALS MEETING WITH EPA/CDH	1	3JUL95	3JUL95				
12256C1466	COMMENT RESOLUTION	5	5JUL95	11JUL95				
12256C1468	SUBMIT FINAL FS TM#2 TO DOE, EPA/CDH	0		11JUL95				
12256C1472	END PHASE 1 FS	0		11JUL95				
12256C2160	SUMMARIZE FS TM#1, FS TM#2 & TREATABILITY STUDY	5	17NOV95	27NOV95				
12256C2170	SUBMIT DRAFT CMS/FS EA REPORT TO EPA/CDH	0		15JUL96				
12256C2180	EPA/CDH, NEPA REVIEW OF DRAFT CMS/FS EA REPORT	62	16JUL96	10OCT96				
12256C2190	PREPARE FINAL CMS/FS EA REPORT	19	11OCT96	6NOV96				
12256C2195	SUBMIT FINAL CMS/FS EA TO DOE	0		6NOV96				
12256C2200	DOE REVIEW FINAL CMS/FS EA REPORT	18	7NOV96	4DEC96				
12256C2210	SUBMIT FINAL CMS/FS EA	0		4DEC96				
12256C2215	DOE TRANSMITTAL OF FINAL CMS/FS EA REPORT	0	5DEC96	4DEC96				
122 6C2230	OBTAIN CMS/FS EA REPORT APPROVALS	10	5DEC96	18DEC96				
12 6C 240	ADDRESS FINAL COMMENTS CMS/FS EA	21	19DEC96	24JAN97				
12256C2250	RE SUBMIT FINAL CMS/FS EA REPORT TO DOE	0		24JAN97				
1 25FC2260	DOE TRANSMITTAL OF FINAL CMS/FS EA REPORT	5	27JAN97	31JAN97				

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	TREATABILITY/FEASIBILITY STUDY				
					FY94	FY95	FY96	FY97	FY98
1226C2268	UPDATE OF ARARs DATA	30	60CT94	16NOV94					
1226C2270	ANALYZE ALTERNATIVES AGAINST 9 CRITERIA (TASK 10)	60	28NOV95	27FEB96					
1226C2272	COMPARATIVE ANALYSIS OF ALTER AGAINST 9 CRITERIA	10	28FEB96	12MAR96					
1226C274	MEETING WITH EPA/CDH	1	13MAR96	13MAR96					
1226C2740	CMS/FS EA REPORT APPROVED	0		31JAN97					
1226C2740	EA/NEIA REVIEW OF ALTERNATIVES	42	28NOV95	1FEB96					
12256C2300	PREPARE PRELIMINARY DRAFT CMS/FS EA REPORT	20	14MAR96	11APR96					
12256C2302	PRELIMINARY DRAFT CMS/FS EA	0		11APR96					
12256C2305	EG&G REVIEW CMS/FS EA REPORT	5	12APR96	18APR96					
12256C2310	INCORPORATE COMMENTS	5	19APR96	25APR96					
12256C2315	PRELIMINARY DRAFT CMS/FS EA TO DOE	0		25APR96					
12256C2320	DOE REVIEW OF PREL DRAFT CMS/FS EA REPORT	20	26APR96	23MAY96					
12256C2330	ADDRESS COMMENTS & PREPARE DRAFT CMS/FS EA RPT	10	24MAY96	7JUN96					
12256C2340	FINAL DOE REVIEW OF DRAFT CMS/FS EA REPORT	20	10JUN96	8JUL96					
12256C2350	INCORPORATE COMMENTS	5	9JUL96	15JUL96					
12256C3018	STOP WORK ORDER LIFTED	0	2MAY94						
12256C3019	BRA APPROVAL	120	2MAY94	190CT94					
12256C3020	BRA FROM DU REPORT	1	200CT94	200CT94					
12256C3030	REVISE PRGs	5	210CT94	270CT94					
12256C3035	SUBMIT REVISED PRGs TO DOE/RFO	0		270CT94					
12256C3040	EG&G/DOE REVIEW REVISED PRGs	10	280CT94	10NOV94					
12256C3050	PRG RESOLUTION	10	11NOV94	28NOV94					
12256C3055	PRGs FINALIZED	0		28NOV94					
12256C4948	PROCUREMENT FOR PHASE II SUBCONTRACTOR	47	19APR94	23JUN94					
12256C4949	RESOLUTION OF METHODOLOGIES FOR DETAILED ANALYSIS	20	24JUN94	22JUL94					
REMEDIAL ACTION PLAN									
12256C1370	PREPARE PRELIMINARY DRAFT PROPOSED PLAN	20	25JUN96	23JUL96					
12256C1380	DOCUMENT PROCESSING & TRANSMITTAL	5	24JUL96	30JUL96					
12256C1390	DOE/RFO REVIEW DRAFT PROPOSED PLAN	20	31JUL96	27AUG96					
12256C1400	DOE HQ REVIEW DRAFT PROPOSED PLAN	20	31JUL96	27AUG96					
12256C1410	INCORPORATE AND FINALIZE DRAFT PROPOSED PLAN	10	28AUG96	11SEP96					
12256C1420	DOCUMENT PROCESSING & TRANSMITTAL	5	12SEP96	18SEP96					
12256C1430	2nd DOE REVIEW DRAFT PROPOSED PLAN	5	19SEP96	25SEP96					

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	REMEDIAL ACTION PLAN			
					FY94	FY95	FY96	FY97
122-8C1627	INCORPORATE COMMENTS	5	26SEP96	20CT96				
122-8C1630	SUBMIT DRAFT PROPOSED PLAN	0		4DEC96				
122-8C1640	EPA/CDH REVIEW DRAFT PROPOSED PLAN	21	5DEC96	10JAN97				
122-8C1650	NRDA TRUSTEES REVIEW DRAFT PROPOSED PLAN	21	5DEC96	10JAN97				
122-8C1660	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	15	13JAN97	31JAN97				
122-8C1670	DOCUMENT PROCESSING & TRANSMITTAL	5	3FEB97	7FEB97				
122-8C1680	DOE HQ REVIEW FINAL PROPOSED PLAN EA	10	10FEB97	21FEB97				
122-8C1690	DOE HQ REVIEW FINAL PROPOSED PLAN EA	10	10FEB97	21FEB97				
122-8C1700	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN EA	5	24FEB97	28FEB97				
122-8C1710	DOCUMENT PROCESSING & TRANSMITTAL	5	3MAR97	7MAR97				
122-8C1720	SUBMIT FINAL PROPOSED PLAN	0		7MAR97				
122-8C1730	EPA/CDH REVIEW FINAL PROPOSED PLAN EA	10	10MAR97	21MAR97				
122-8C1740	NRDA TRUSTEES REVIEW FINAL PROPOSED PLAN EA	10	10MAR97	21MAR97				
122-8C1750	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	10	24MAR97	7APR97				
122-8C1760	PLACE ADD	5	8APR97	14APR97				
122-8C1770	DOCUMENT PROCESSING & TRANSMITTAL	5	8APR97	14APR97				
122-8C1780	PUBLIC COMMENT PERIOD PROPOSED PLAN EA	41	15APR97	11JUN97				
122-8C1790	PUBLIC HEARINGS	1	13MAY97	13MAY97				
122-8C1800	INCORPORATE COMMENTS PROPOSED PLAN	15	12JUN97	2JUL97				
122-8C1810	DOCUMENT PROCESSING & TRANSMITTAL	5	3JUL97	10JUL97				
122-8C1820	DOE HQ REVIEW FINAL PROPOSED PLAN EA	10	11JUL97	24JUL97				
122-8C1830	DOE HQ REVIEW FINAL PROPOSED PLAN EA	10	11JUL97	24JUL97				
122-8C1840	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN EA	5	25JUL97	31JUL97				
122-8C1850	DOCUMENT PROCESSING & TRANSMITTAL	5	1AUG97	7AUG97				
122-8C1860	SUBMIT DRAFT RESPONSIVENESS SUMMARY	0		7AUG97				
122-8C1870	DOE/EPA/CDH REVIEW DRAFT RESPONSIVENESS SUMMARY	21	8AUG97	8SEP97				
122-8C1880	RESOLVE ISSUES & FINALIZE RESPONSIVENESS SUMMARY	20	9SEP97	6OCT97				
122-8C1890	DOE REVIEW RESPONSIVENESS SUMMARY	10	7OCT97	20OCT97				
122-8C1900	INCORPORATE COMMENTS	10	21OCT97	3NOV97				
122-8C1910	SUBMIT FINAL RESPONSIVENESS SUMMARY	0		10NOV97				
122-8C1920	PREPARE PRELIMINARY DRAFT CAD/ROD	20	1AUG97	28AUG97				
122-8C1930	DOCUMENT PROCESSING & TRANSMITTAL	5	29AUG97	5SEP97				

RECORD OF DECISION

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ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	RECORD OF DECISION			
					FY94	FY95	FY96	FY97
122	101180 DOE RFO REVIEW DRAFT CAD/ROD	10	8SEP97	19SEP97				
122	101190 DOE HQ/NEPA REVIEW DRAFT CAD/ROD	10	8SEP97	19SEP97				
122	1011900 INCORPORATE COMMENTS & FINALIZE DRAFT CAD/ROD	7	22SEP97	30SEP97				
122	1011910 DOCUMENT PROCESSING & TRANSMITTAL	5	4NOV97	10NOV97				
1	1011910 SUBMIT DRAFT CAD/ROD	0		10NOV97				
122	1011910 EPA/COH REVIEW DRAFT CAD/ROD	21	11NOV97	11DEC97				
122	1011910 NRDPA TRUSTEES REVIEW DRAFT CAD/ROD	21	11NOV97	11DEC97				
122	1011910 INCORPORATE COMMENTS & FINALIZE CAD/ROD	15	12DEC97	9JAN98				
122	1011960 DOCUMENT PROCESSING & TRANSMITTAL	5	12JAN98	16JAN98				
1	1011970 DOE RFO REVIEW FINAL CAD/ROD	10	19JAN98	30JAN98				
122	1011980 DOE HQ/NEPA REVIEW FINAL CAD/ROD	10	19JAN98	30JAN98				
122	1011910 INCORPORATE COMMENTS & FINALIZE CAD/ROD	5	2FEB98	6FEB98				
122	102000 DOCUMENT PROCESSING & TRANSMITTAL	5	9FEB98	13FEB98				
122	102010 SUBMIT FINAL CAD/ROD	0		13FEB98				
1	102010 EPA/COH REVIEW & APPROVE FINAL CAD/ROD	21	16FEB98	16MAR98				
1	102010 HDO IRU ILC REVIEW & APPROVE FINAL CAD/ROD	21	16FEB98	16MAR98				
122	102010 RELEASE RESPONSIVENESS SUMMARY TO PUBLIC	10	17MAR98	31MAR98				